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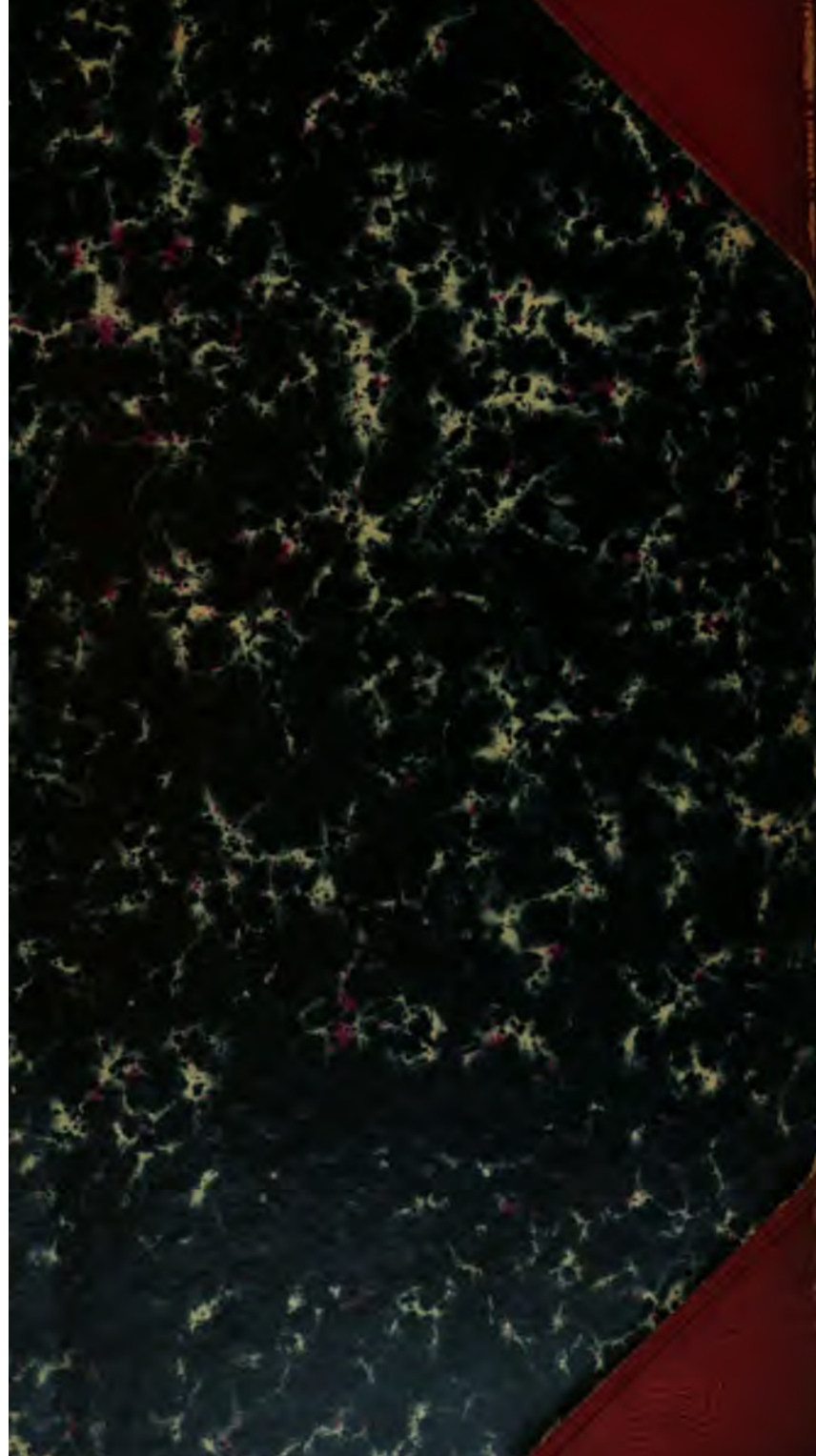
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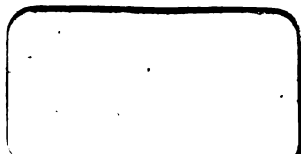
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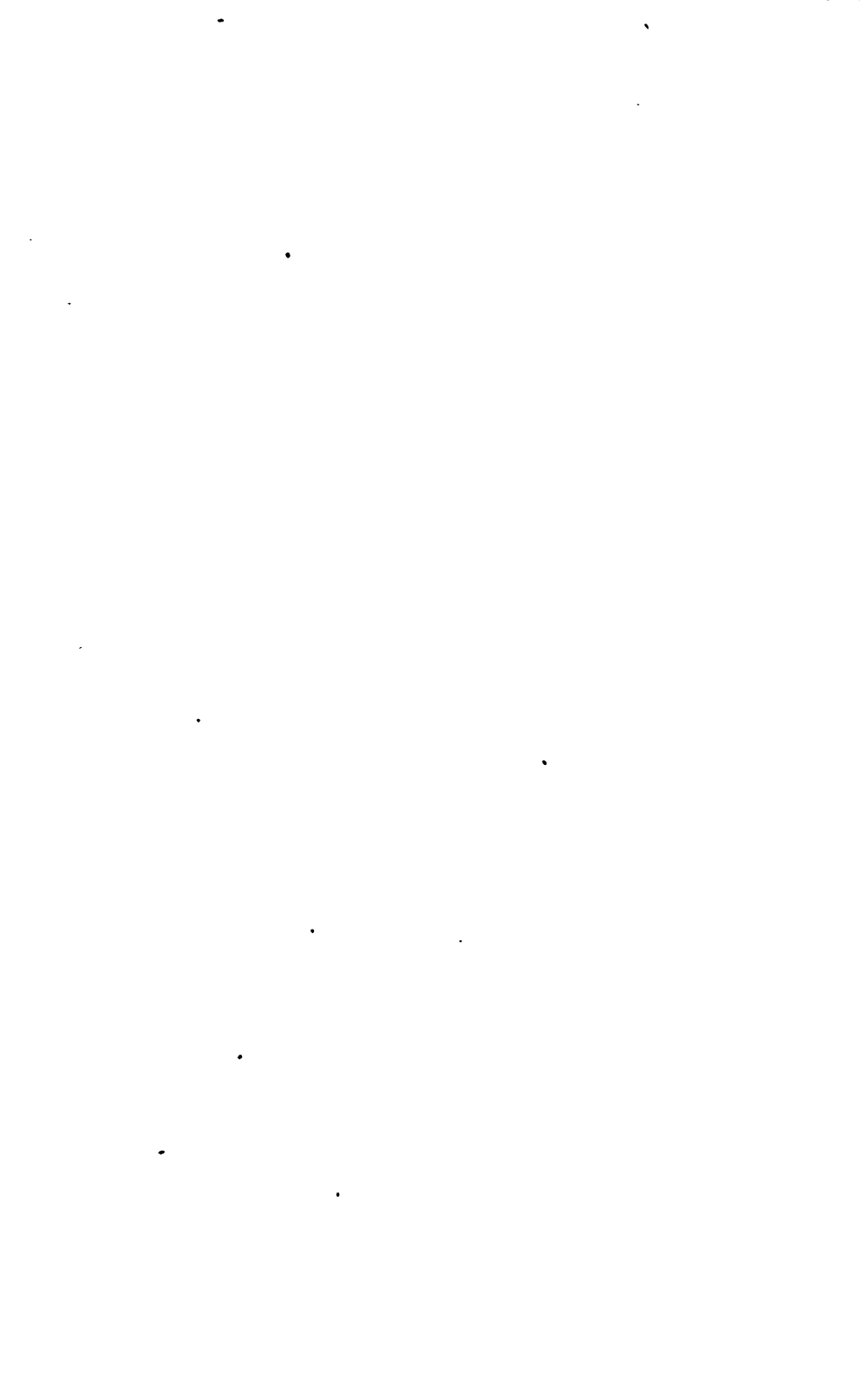
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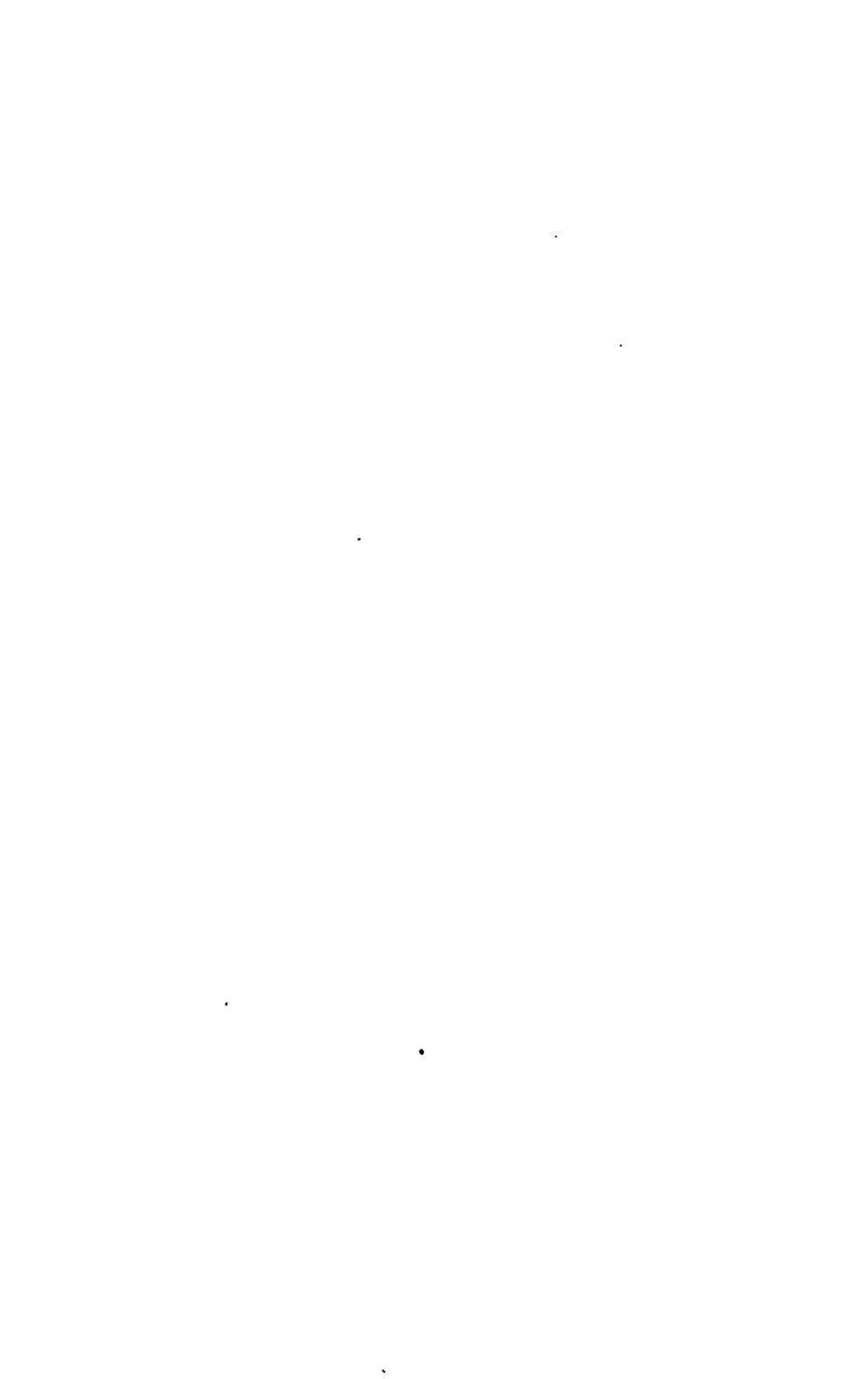
OF BOSTON

Under a vote of the President and Fellows,
October 24, 1898











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9

INTERNATIONAL CATALOGUE OF SCIENTIFIC LITERATURE

FIRST ANNUAL ISSUE

K PALAEONTOLOGY

PUBLISHED FOR THE INTERNATIONAL COUNCIL

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PREFACE.

THE INTERNATIONAL CATALOGUE OF SCIENTIFIC LITERATURE, commencing with the literature of the year 1901, is an outgrowth of the *Catalogue of Scientific Papers* relating to the scientific literature of the nineteenth century, published by the Royal Society of London.

The suggestion to catalogue scientific papers may be traced back to Prof. Henry, of Washington, U.S.A., who brought the subject under the notice of the British Association for the Advancement of Science at its meeting in Glasgow, in 1855. The history of the inception of the enterprise is recorded in the first volume of the *Catalogue of Scientific Papers* issued by the Royal Society in 1867. Twelve large quarto volumes have been printed in which the titles of papers published during the period 1800-1883 are arranged under authors' names. A subject index, which will serve as a key to these volumes and also form an independent record, is in an advanced state of preparation. A catalogue of the scientific papers published during the period 1884-1900 is now being prepared by the Royal Society of London.

The possibility of preparing a complete index of current scientific literature by international co-operation was first taken into consideration by the Royal Society about the year 1893. It had long been apparent that the work was beyond the resources of the Society, or indeed of any single body. Moreover, it was felt that an authors' catalogue could not supply the required information, and that it was essential that scientific workers should be kept fully and quickly informed of all new discoveries by means of complete subject indexes. International co-operation appeared to be the only means of carrying out such a work with the necessary completeness and rapidity. The Society therefore sought the opinion of a very large number of representative bodies and individuals abroad; and, as the replies were almost uniformly in favour of the work being undertaken by international co-operation, steps were taken to summon an International Conference of Delegates appointed by various Governments.

The Conference took place in London on July 14-17, 1896, and was attended by delegates from Canada, Cape Colony, Denmark, France, Germany, Greece, Hungary, India, Italy, Japan, Mexico, Natal, the Netherlands, New South Wales, New Zealand, Norway, Queensland, Sweden, Switzerland, the United Kingdom, and the United States.

It was unanimously resolved that it was desirable to compile and publish, by means of an international organisation, a complete Catalogue of Scientific Literature, arranged according both to subject matter and to authors' names, in which regard should be had, in the first instance, to the requirements of scientific investigators, so that these might find out, with a minimum of trouble, what had been published on any particular subject of enquiry.

It was agreed that the material should, as far as possible, be collected in the various countries by local organisations established for the purpose, and that the final editing and publication of the Catalogue should be entrusted to a Central International Bureau, acting under the direction of an International Council. It was agreed to establish the Central Bureau in London.

Although the question of the method to be adopted in classifying the subject matter of the several sciences was discussed at great length, no decision other than one adverse to the Dewey system was arrived at. The Royal Society was requested to appoint a Committee to take this and many other questions of detail left undecided by the Conference, into consideration.

As the result of the arduous labours of this Committee, complete schedules were prepared for each of the sciences to be catalogued, and a financial statement was also prepared showing the estimated cost of the Catalogue.

The report of the Committee was considered at a second Conference, held in London on October 11-13, 1898, which was attended by accredited representatives from Austria, Belgium, Cape Colony, France, Germany, Hungary, India, Japan, Mexico, Natal, the Netherlands, New Zealand, Norway, Queensland, Sweden, Switzerland the United Kingdom, and the United States.

At this meeting the conclusions arrived at by the first Conference were generally confirmed, and much progress was made in deciding the principles to be adopted in preparing the Catalogue.

Full schedules for the several sciences, which had been prepared by the Committee of the Royal Society, were laid before the delegates. Ultimately, after prolonged discussion, it was decided to adopt an arbitrary combined system of letters, numbers, and other symbols, adapted in the case of each branch of science to its particular needs. A Provisional International Committee was appointed to settle authoritatively the details of the schedules.

The financial position was fully discussed, but no definite conclusions could be arrived at. The delegates attending the meeting were requested to obtain further information on the subject in their respective countries, and to report to the Provisional International Committee.

The Provisional International Committee met in London on August 1-5, 1899. The Committee had arranged for the co-option of an Italian and a Russian member, and M. Th. Köppen attended as the representative of Russia.

The reports received from various countries were considered. Schedules for the seventeen branches of science to be included in the Catalogue were approved for adoption. The financial position was again very fully considered, especially in relation to the establishment of the Central Bureau; and it was finally resolved to recommend that

the Royal Society be requested to organise the Central Bureau, and to do all necessary work, so that the preparation of the Catalogue might be commenced in 1901.

Mainly in consequence of representations made by the German Government, in order to reduce the cost of the enterprise the Provisional International Committee agreed to recommend that the Catalogue should at the outset be of a more restricted character than was contemplated by either the first or the second Conference, that is to say, that the issue of a card catalogue should be postponed, and that the number of subject entries should be kept within narrow limits.

A third International Conference was held in London on June 12 and 13, 1900. This was attended by accredited representatives from Austria, Cape Colony, France, Germany, Greece, Hungary, India, Italy, Japan, Mexico, Natal, New Zealand, Norway, Queensland, Switzerland, and the United Kingdom. The report of the Provisional International Committee appointed at the second Conference was considered, and also a detailed scheme for the publication of the Catalogue which had been prepared, at the request of the Committee, by the Royal Society.

The statements made by the delegates of various countries as to the extent to which they were authorised to promise contributions towards the expenses of the Catalogue being satisfactory, it was resolved to take further steps towards the publication of the Catalogue; and for this purpose, pending the appointment of an International Council, the Conference again appointed a Provisional International Committee. This Committee met at the conclusion of the Conference, and afterwards continued its deliberations through the agency of the Royal Society.

All difficulties were finally removed by the Royal Society undertaking to act as the publishers of the Catalogue on behalf of the International Council, thereby giving the necessary legal status to the undertaking, and also to advance the capital required to start the enterprise on the understanding that this should be repaid during the ensuing five years.

The supreme control over the Catalogue is vested in an International Convention. Such a Convention is to be held in London in 1905, in 1910, and every tenth year afterwards, to reconsider, and, if necessary, to revise the regulations for carrying out the work of the Catalogue; but the approved Schedules are not to be altered during the first period of five years. In the interval between two successive meetings of the Convention the administration of the Catalogue is vested in an International Council, the members of which are to be appointed by the Regional Bureaus.

The first meeting of the International Council was held in London on December 12, 1900, when it was decided to commence the preparation of the Catalogue from January 1, 1901. At this meeting an Executive Committee was appointed, consisting of the delegates of the Royal Society and representatives of the four largest subscribers—the United States of America, Germany, France, and Italy.

The materials out of which the Catalogue is formed are to be furnished by Regional Bureaus.

Regional Bureaus have already been established in Austria, Belgium, Canada, Cape Colony, Denmark, Egypt, France, Great Britain and Ireland, Germany, Greece, Holland, Hungary, Italy, India and Ceylon, Japan, Mexico, New Zealand, New South Wales, Norway, Portugal, Poland, Queensland, Russia, South Australia, Sweden, Switzerland, the United States of America, Victoria, Western Australia, Finland.

The branches of Science to be included in the Catalogue are the seventeen following:—

- A—Mathematics
- B—Mechanics
- C—Physics
- D—Chemistry
- E—Astronomy
- F—Meteorology (including Terrestrial Magnetism)
- G—Mineralogy (including Petrology and Crystallography)
- H—Geology
- J—Geography (Mathematical and Physical)
- K—Palæontology
- L—General Biology
- M—Botany
- N—Zoology
- O—Human Anatomy
- P—Physical Anthropology
- Q—Physiology (including experimental Psychology, Pharmacology and experimental Pathology)
- R—Bacteriology

Each complete annual issue of the Catalogue thus consists of seventeen volumes. The price at which this set is sold to the public is £18. Individual volumes are sold at prices varying with their size from about ten to thirty-nine shillings.

A Schedule of Classification and an Index thereto are prefixed to each volume in English, French, German, and Italian. This will not only enable the scientific worker to study the system of classification in the language with which he is most familiar, but also in cases of doubt—*e.g.* as to the meaning of a word—will enable him to refer to the corresponding entry in another language. Should there be a marked discrepancy among the schedules on any point the English schedule is to be taken as guide, the schedules printed in that language being those which were approved by the International Council.

The various headings and sub-headings throughout the Subject Index are given in English. Translations of the main headings can be found on reference to the schedules in the other languages by means of the registration numbers that are attached to them.

The entries in the Subject Indexes are in the language of the original paper when that is one of the following five languages: Latin, English, French, German, and Italian. These are the only languages used in the Subject Index, but in case of translation the name of the language of the original is inserted within round brackets.

In the Authors' Catalogue each title is given in the original language. When, however, that language is not one of the five

above mentioned, a translation into one of these five languages is added. In such cases the actual title is printed first, and is followed by the translation within square brackets.

It was provided by the original scheme that the Catalogue should comprise all original contributions to the branches of science which come within its scope, whether these had been published in periodicals, or in the journals of societies, or as independent pamphlets, memoirs, or books.

In order that a scientific investigator might be in a position to ascertain by means of the Catalogue what has from time to time been published concerning each particular subject of inquiry, it was held to be of great importance that not only the titles of papers but their subject matter also should be indexed. As stated above, however, financial considerations have led to the number of subject-entries being at present limited in number. But the expense of making subject-entries would be very greatly reduced if all periodicals adopted a practice already carried out by some journals, namely, that of indexing each paper at the time of its publication. Indeed, were this carefully done, the Bureaus preparing the Catalogue would no longer have to study the contents of papers in order to prepare the subject-entries, and the saving thereby effected would make it possible to enlarge the scope of the Catalogue, until it include all original scientific communications. Seeing how necessary such a complete subject catalogue is for the progress of science, it is hoped that all editors and authors will co-operate in so preparing subject-indexes for all papers at the time of their publication.

INTERNATIONAL CATALOGUE OF SCIENTIFIC LITERATURE.

CENTRAL BUREAU.

34 AND 35, SOUTHAMPTON STREET,
STRAND,
LONDON, W.C.

Director.—H. FORSTER MORLEY, M.A., D.Sc.

REGIONAL BUREAUS.

All communications for the several Regional Bureaus are to be sent to the addresses here given.

Austria.—Herr Dr. J. Karabaček, Direktor, K. K. Hofbibliothek, Vienna.

Belgium.—Monsieur Louis Masure, Secrétaire-Général de l'Office International de Bibliographie, Brussels.

Canada.—Prof. J. G. Adami, McGill College, Montreal.

Cape Colony.—L. Perinquey, Esq., South African Museum, Cape Town, Cape of Good Hope.

Denmark.—Dr. Martin Knudsen, Polyteknisk Læranstalt, Copenhagen. K.

Egypt.—Capt. H. J. Lyons, R.E., Director-General, Survey Department, Cairo.

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Germany.—Herr Prof. Dr. O. Uhlworm, Enckeplatz, 3A, Berlin, S.W.

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- Western Australia.**—J. S. Battye, Esq., Victoria Public Library, Perth.

INSTRUCTIONS.

The present volume consists of three parts:—

- (a) Schedules and Indexes in four languages.
- (b) An Authors' Catalogue.
- (c) A Subject Catalogue.

The Subject Catalogue is divided into sections, each of which is denoted by a four-figure number between 0000 and 9999. These numbers follow one another in numerical order, but all the 9999 numbers are not used, for it is intended to fill up the gaps by interpolation of such additional sections as may be required for additions to the system of classification in future years.

To enable the reader to find these numbers quickly, the first or last number on the page is repeated at the head of the page. In looking up a subject, these numbers, which are called Registration numbers, should be used instead of the ordinary pagination. These Registration numbers serve to divide up the subject into sections, each of which deals with related matter.

The Subject Catalogue begins with general headings such as 0000 Philosophy, 0010 History and Biography. It is then divided into Palaeozoology and Palaeobotany. Each of these main divisions is subdivided into three sections. The first section gives the books and papers arranged according to strata; in the second section the arrangement is according to fossils; while the third section gives a list of new genera and species.

At the end of the Subject Catalogue there is a list of new specific and generic names.

In each sub-section the final arrangement of papers is in the alphabetical order of authors' names.

In order to find the papers dealing with a particular subject the reader may either consult the Schedule or the Index to the Schedule. The numbers given in the index are Registration numbers, and can be used at once for turning to the proper page of the Subject Index. This is done by looking at the numbers at the top corners of the pages.

If the reader remember the name of the Author of a paper on a given subject, he will probably find it convenient to refer to the Authors' Catalogue rather than to the Subject Catalogue.

In the Authors' Catalogue the numbers placed within square brackets at the end of each entry are Registration numbers, and serve to indicate the scope of each paper indexed. The meaning of these numbers will at once be found by reference to the Schedule.

In case the abbreviated titles of Journals are not understood, a key to these is provided at the end of the volume.

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NOTICE.

The present volume is a catalogue of the literature published in 1901 together with a portion of that published in 1902.

The material for cataloguing the literature of one or two countries has not yet been received. Books and papers published in these countries will therefore be indexed in the corresponding volumes of the second annual issue of the Catalogue.

INTERNATIONAL CATALOGUE

SCIENTIFIC LITERATURE

1907-1911-1912

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PALAEONTOLOGY

Published by the International Catalogue of Scientific Literature

1907-1911-1912

1907-1911-1912

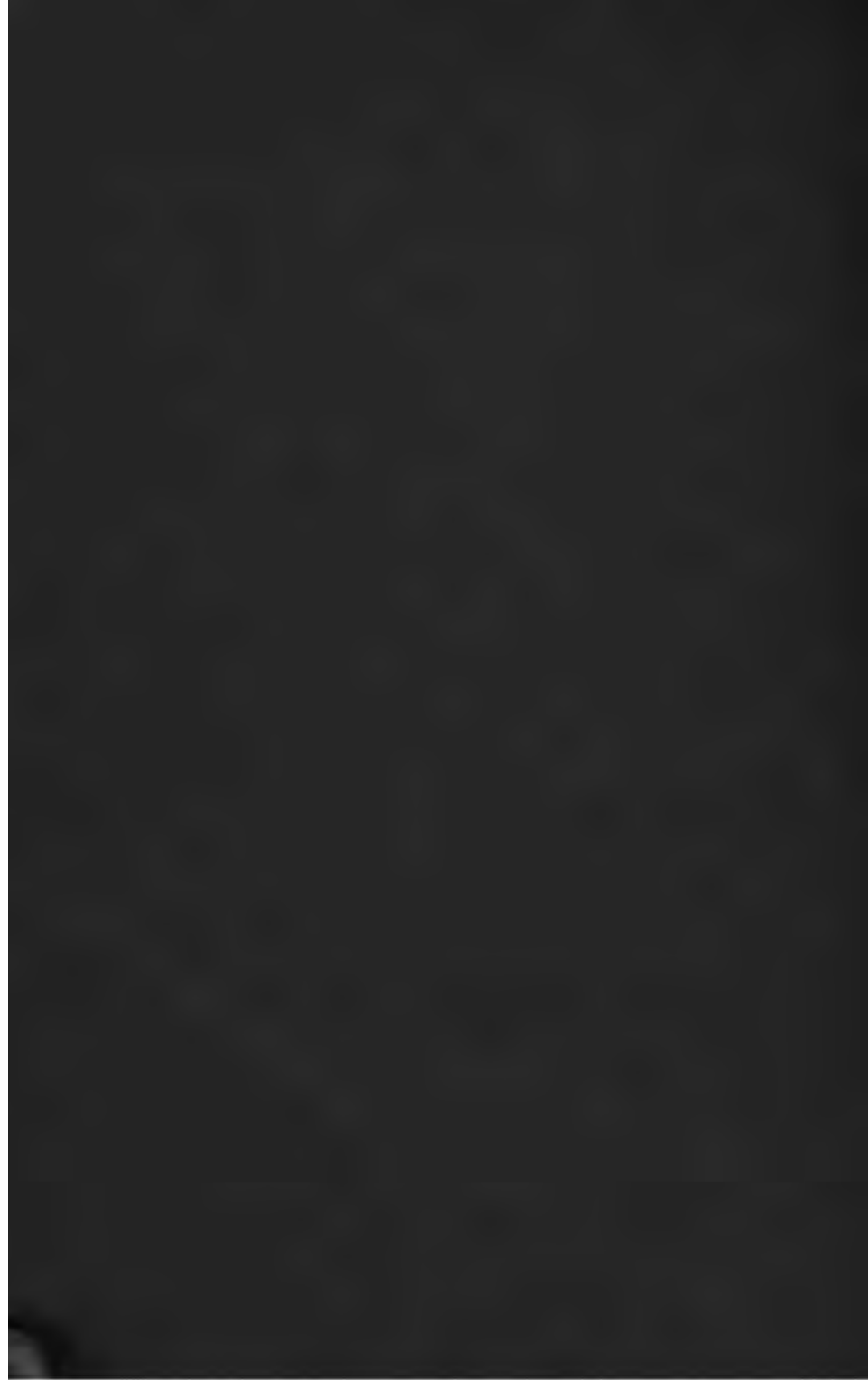
Published by the International Catalogue of Scientific Literature

1907-1911-1912

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1907-1911-1912



International Catalogue of Scientific Literature.

(K) PALÆONTOLOGY.

- 0000 Philosophy.
- 0010 History. Biography.
- 0020 Periodicals. Reports of Institutions, Societies, Congresses, etc.
- 0030 General Treatises, Text Books, Dictionaries, Bibliographies, Tables.
- 0040 Addresses, Lectures.
- 0050 Pedagogy.
- 0060 Institutions, Museums, Collections, Economics.
- 0070 Nomenclature.
- 0100 Distribution of Life (Animal and Vegetable) in Past Times.
- 0150 Zonal Palæontology; Mutations (Changes of Form in Successive Strata), etc.
- 0200 Evolution. (See also L 4300; N 0223; M 4400.)

The numerical symbol to be used for Palæontological books and papers is obtained by a combination of the Geological stratigraphical number (two figures), with a number (four figures) representing the subdivision of the animal or vegetable kingdom to which the fossil forms described belong. Thus a paper on Triassic Cephalopoda will have the symbol K 65.2231, one on Carboniferous ferns will be numbered K 55.6700.

The numbers for Zoological sub-divisions are identical with those used in the Zoological schedule. The numbers for Botanical sub-divisions are identical with those used in the Botanical schedule.

The alphabetical symbols for Topography can be added, if necessary. In this case a paper on Cretaceous Fishes from Asiatic Turkey would bear the symbol K 75.5431 *ci*.

Palaeozoology.

	General, including strata of unknown age.	Lower Palaeozoic.	Upper Palaeozoic.	Triassic.	Jurassic.	Cretaceous.	Lower Cenozoic. Eocene Oligocene.	Upper Cenozoic. Miocene Pliocene.	Pleistocene and Recent.
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7600	Lichens	55, 7600	65, 7600	70, 7600	75, 7600	85, 7600	90, 7600	95, 7600
7700	Fungi, Bacteria, and Mycetozoa	55, 7700	65, 7700	70, 7700	75, 7700	85, 7700	90, 7700	95, 7700
7900	Plants of unascertained position	55, 7900	65, 7900	70, 7900	75, 7900	85, 7900	90, 7900	95, 7900

(K-4166)

Catalogue International de la Littérature scientifique.

(K) PALÉONTOLOGIE.

- 0000 Philosophie.
- 0010 Histoire. Biographie.
- 0020 Périodiques. Rapports d'Institutions, de Sociétés, de Congrès, etc.
- 0030 Traités généraux, Manuels, Dictionnaires, Bibliographies, Tables.
- 0040 Discours, Lectures et Conférences.
- 0050 Enseignement.
- 0060 Institutions, Musées, Collections. Applications pratiques.
- 0070 Nomenclature.
- 0100 Distribution géographique des animaux et des plantes dans les temps passés.
- 0150 Paléontologie stratigraphique; changements de formes dans les couches successives.
- 0200 Evolution. (*Voy. aussi* L 4300; N 0223; M 4400.)

Le symbole numérique qui devra être employé pour les livres et mémoires paléontologiques est obtenu par une combinaison du nombre stratigraphique (2 chiffres) avec un nombre (4 chiffres) représentant la subdivision du règne animal ou végétal à laquelle appartient la forme fossile décrite. Ainsi un mémoire sur les Céphalopodes triasiques devra porter l'indice K 65.2231; un mémoire sur les Fougères carbonifères portera l'indice K 55.6700.

Les nombres pour les subdivisions zoologiques sont identiques à ceux qui sont employés dans la classification zoologique. Les nombres pour les subdivisions botaniques sont identiques à ceux qui sont employés dans la classification botanique.

Les symboles alphabétiques pour la Topographie peuvent être ajoutées, si c'est nécessaire. Dans ce cas un mémoire sur les Poissons crétacés de la Turquie d'Asie porterait le symbole K 75.5431 *ei*.

**Paléozoologie ou paléontologie
zoologique.**

	Généralités, y compris les couches d'âge incertain.	Paléozoologie inférieure. 60	Paléozoologie supérieure. 65	Triasique. 65	Jurassique. 70	Crétacé. 75	Néozoïque inférieur. 85	Néozoïque supérieur. 90	Pléistocène et formations récentes. 95
0231	Paléozoologie générale	50, 0231	55, 0231	65, 0231	70, 0231	75, 0231	85, 0231	90, 0231	95, 0231
5231	Vertébrés	50, 5231	55, 5231	65, 5231	70, 5231	75, 5231	85, 5231	90, 5231	95, 5231
6031	Mammifères	50, 6031	55, 6031	65, 6031	70, 6031	75, 6031	85, 6031	90, 6031	95, 6031
5831	Oiseaux	50, 5831	55, 5831	65, 5831	70, 5831	75, 5831	85, 5831	90, 5831	95, 5831
5631	Reptiles et Batraciens	50, 5631	55, 5631	65, 5631	70, 5631	75, 5631	85, 5631	90, 5631	95, 5631
5431	Poissons	50, 5431	55, 5431	65, 5431	70, 5431	75, 5431	85, 5431	90, 5431	95, 5431
5031	Trunkiers, Amphioxus, etc.	50, 5031	55, 5031	65, 5031	70, 5031	75, 5031	85, 5031	90, 5031	95, 5031
2431	Arthropodes, y compris les Insectes	50, 2431	55, 2431	65, 2431	70, 2431	75, 2431	85, 2431	90, 2431	95, 2431
3431	Myriapodes	50, 3431	55, 3431	65, 3431	70, 3431	75, 3431	85, 3431	90, 3431	95, 3431
3031	Arachnides	50, 3031	55, 3031	65, 3031	70, 3031	75, 3031	85, 3031	90, 3031	95, 3031
2831	Xiphosures, Eurypéridés, Triobites, etc.	50, 2831	55, 2831	65, 2831	70, 2831	75, 2831	85, 2831	90, 2831	95, 2831
2631	Crustacés	50, 2631	55, 2631	65, 2631	70, 2631	75, 2631	85, 2631	90, 2631	95, 2631
2231	Mollusques, y compris les Céphalopodes, Gastropodes, Amphineures, Scaphopodes, et Lamellibranches (Pelecypodes)	50, 2231	55, 2231	65, 2231	70, 2231	75, 2231	85, 2231	90, 2231	95, 2231
2031	Brachiopodes, y compris les Bryozoa	50, 2031	55, 2031	65, 2031	70, 2031	75, 2031	85, 2031	90, 2031	95, 2031
1831	Vers	50, 1831	55, 1831	65, 1831	70, 1831	75, 1831	85, 1831	90, 1831	95, 1831
1031	Echinodermes	50, 1031	55, 1031	65, 1031	70, 1031	75, 1031	85, 1031	90, 1031	95, 1031
0831	Celentérés, y compris les Graptolithoïdes	50, 0831	55, 0831	65, 0831	70, 0831	75, 0831	85, 0831	90, 0831	95, 0831
0631	Porifères	50, 0631	55, 0631	65, 0631	70, 0631	75, 0631	85, 0631	90, 0631	95, 0631
0431	Protozoaires	50, 0431	55, 0431	65, 0431	70, 0431	75, 0431	85, 0431	90, 0431	95, 0431
0131	Formes d'origine douteuse	50, 0131	55, 0131	65, 0131	70, 0131	75, 0131	85, 0131	90, 0131	95, 0131

Paléobotanique ou Paléontologie botanique.		35	50	55	65	70	75	85	90	95
5000	Paléobotanique générale	...	35.5000	50.5000	55.51.90	65.5000	70.5000	75.5000	85.5000	95.5000
5400	Dicotylédones	...	...	50.5400	55.5400	65.5400	70.5400	75.5400	85.5400	95.5400
6000	Monocotylédones	...	...	50.6000	55.6000	65.6000	70.6000	75.6000	85.6000	95.6000
6500	Gymnospermes	...	...	50.6500	55.6500	65.6500	70.6500	75.6500	85.6500	95.6500
6700	Cryptogames vasculaires	...	...	50.6700	55.6700	65.6700	70.6700	75.6700	85.6700	95.6700
7000	Mousses et hépatiques	...	...	50.7000	55.7000	65.7000	70.7000	75.7000	85.7000	95.7000
7300	Characees	...	...	50.7300	55.7300	65.7300	70.7300	75.7300	85.7300	95.7300
7400	Algues et Schizophytes	...	...	50.7400	55.7400	65.7400	70.7400	75.7400	85.7400	95.7400
7600	Lichens	...	...	50.7600	55.7600	65.7600	70.7600	75.7600	85.7600	95.7600
7700	Champignons, Bactéries, et Mycéozoaires	...	...	50.7700	55.7700	65.7700	70.7700	75.7700	85.7700	95.7700
7900	Plantes incertae sedis	...	...	50.7900	55.7900	65.7900	70.7900	75.7900	85.7900	95.7900



Internationaler Katalog der naturwissenschaftlichen Litteratur.

(K) PALÄONTOLOGIE.

- 0000 Philosophie.
- 0010 Geschichte. Biographien.
- 0020 Periodica. Berichte von Instituten, Gesellschaften,
Congressen etc.
- 0030 Allgemeine Abhandlungen, Lehrbücher, Wörterbücher,
Bibliographien, Tabellen.
- 0040 Festreden, Vorträge.
- 0050 Pädagogik.
- 0060 Institute, Museen, Sammlungen, Wirthschaftliches und
Organisatorisches.
- 0070 Nomenclatur.
- 0100 Vertheilung des Lebens (des thierischen und pflanzlichen)
in vergangenen Zeiten.
- 0150 Zonare Paläontologie; Mutationen (Formenänderungen in
auf einander folgenden Schichten) etc.
- 0200 Entwicklung. (*Siehe auch* L 4300; N 0223; M 4400.)

Das Zahlensymbol, welches für paläontologische Bücher und Schriften zu benutzen ist, wird gewonnen durch Combination der stratigraphischen geologischen Nummer (zwei Ziffern) mit einer vierziffrigen Zahl, welche die Unterabtheilung des Thier- oder Pflanzenreiches angiebt, zu der die beschriebenen fossilen Formen gehören. So würde eine Abhandlung über triassische Cephalopoden das Symbol erhalten: K 65.2231; eine solche über Farne des Carbon würde zu numeriren sein: K 55.6700.

Die Nummern für die zoologischen Unterabtheilungen sind identisch mit den im zoologischen Schema benutzten. Die Nummern für die botanischen Unterabtheilungen sind identisch mit den im botanischen Schema benutzten.

Wenn nöthig, können die alphabetischen Symbole für Topographie hinzugefügt werden. In diesem Falle würde eine Abhandlung über die Kreide der asiatischen Türkei das Symbol tragen: K 75.5431 a.

Paleozoologie.

	Allgemeines, einschli. Schleichen von unbekanntem Alter.	Unteres Palaeozoicum, 50	(Oberes Palaeozoicum, 55	Trias.	Jura.	Kreide.	Unteres Tertiar. Böckm., Oligocän.	Oberes Tertiar. Mioocän, Pliocän.	Quartär und recente Bildungen.
0231 Allgemeine Palaeozoologie	..	50. 0231	55. 0231	65. 0231	70. 0231	75. 0231	85. 0231	90. 0231	95. 0231
5231 Vertebrata	50. 5231	55. 5231	65. 5231	70. 5231	75. 5231	85. 5231	90. 5231	95. 5231
6031 Mammalia	50. 6031	55. 6031	65. 6031	70. 6031	75. 6031	85. 6031	90. 6031	95. 6031
5931 Aves	50. 5931	55. 5931	65. 5931	70. 5931	75. 5931	85. 5931	90. 5931	95. 5931
5431 Reptilia und Batrachia	..	50. 5431	55. 5431	65. 5431	70. 5431	75. 5431	85. 5431	90. 5431	95. 5431
5431 Pisces	50. 5431	55. 5431	65. 5431	70. 5431	75. 5431	85. 5431	90. 5431	95. 5431
5031 Tunicata, Amphioxus, &c.	..	50. 5031	55. 5031	65. 5031	70. 5031	75. 5031	85. 5031	90. 5031	95. 5031
2431 Arthropoda, einschli. Insecta	..	50. 2431	55. 2431	65. 2431	70. 2431	75. 2431	85. 2431	90. 2431	95. 2431
3631 Myriopoda	50. 3631	55. 3631	65. 3631	70. 3631	75. 3631	85. 3631	90. 3631	95. 3631
3631 Arachnida	50. 3631	55. 3631	65. 3631	70. 3631	75. 3631	85. 3631	90. 3631	95. 3631
2631 Xiphosura, Euripterida, Trilobita, &c.	..	50. 2631	55. 2631	65. 2631	70. 2631	75. 2631	85. 2631	90. 2631	95. 2631
2631 Crustacea	50. 2631	55. 2631	65. 2631	70. 2631	75. 2631	85. 2631	90. 2631	95. 2631
2231 Mollusca einschli. Cephalopoda, Gastropoda, Amphineura, Scaphopoda und Lamellibran- chiata (Pelecypoda)	50. 2231	55. 2231	65. 2231	70. 2231	75. 2231	85. 2231	90. 2231	95. 2231
2031 Brachiopoda, einschli. Bryozoa (Polyzoa)	..	50. 2031	55. 2031	65. 2031	70. 2031	75. 2031	85. 2031	90. 2031	95. 2031
1831 Vermes	50. 1831	55. 1831	65. 1831	70. 1831	75. 1831	85. 1831	90. 1831	95. 1831
1831 Echinodermata	50. 1831	55. 1831	65. 1831	70. 1831	75. 1831	85. 1831	90. 1831	95. 1831
0631 Coelenterata, einschli. Graptolithoides	..	50. 0631	55. 0631	65. 0631	70. 0631	75. 0631	85. 0631	90. 0631	95. 0631
0631 Porifera	50. 0631	55. 0631	65. 0631	70. 0631	75. 0631	85. 0631	90. 0631	95. 0631
0431 Protozoa	50. 0431	55. 0431	65. 0431	70. 0431	75. 0431	85. 0431	90. 0431	95. 0431
0131 Fossilien zweifelhafter Stellung und Herkunft	..	50. 0131	55. 0131	65. 0131	70. 0131	75. 0131	85. 0131	90. 0131	95. 0131

Catalogo Internazionale della Letteratura Scientifica.

(K) PALEONTOLOGIA.

- 0000 Filosofia.
- 0010 Storia. Biografia.
- 0020 Periodici. Resoconti di Istituti, Società, Congressi, ecc.
- 0030 Trattati generali, Manuali, Dizionari, Bibliografie, Indici.
- 0040 Relazioni, Letture.
- 0050 Pedagogia.
- 0060 Istituti, Musei, Collezioni, Applicazioni pratiche.
- 0070 Nomenclatura.
- 0100 Distribuzione della Vita (Animale e Vegetale) nei passati tempi.
- 0150 Paleontologia Stratigrafica; Mutazioni (Cambiamenti di forma in strati successivi), ecc.
- 0200 Evoluzione. *Vedi anche* L 4300; N 0223; M 4400.

Il simbolo numerico da usarsi per libri e memorie paleontologiche è ottenuto colla combinazione del numero Stratigrafico-Geologico (per due cifre) col numero (quattro cifre) rappresentante la suddivisione del regno animale o vegetale al quale le descritte forme fossili appartengono. Così una memoria sopra Cefalopodi triassici avrà il simbolo K 65.2231; una sovra Felci carbonifere sarà numerata K 55.6700.

I numeri per le suddivisioni zoologiche sono identici con quelli usati nella schedula zoologica. I numeri per le suddivisioni botaniche sono identici con quelli usati nella schedula botanica.

I simboli alfabetici per la Topografia possono venir aggiunti, ove necessario. In tal caso una nota sovra Pesci Cretacei della Turchia Asiatica porterà il simbolo K 75.5431 *ci*.

Paleozoologia.

Paleozoologia.										
Generale, includente strati di non conosciuta età.		50	55	65	70	75	Cenozoico inferiore. Eocene. Oligocene.	Cenozoico superiore. Miocene. Pliocene.	95	
0231	Paleozoologia generale	...	50, 0231	55, 0231	65, 0231	70, 0231	75, 0231	85, 0231	90, 0231	95, 0231
0231	Vertebrata	...	50, 0231	55, 0231	65, 0231	70, 0231	75, 0231	85, 0231	90, 0231	95, 0231
0331	Mammalia	...	50, 0331	55, 0331	65, 0331	70, 0331	75, 0331	85, 0331	90, 0331	95, 0331
0431	Aves	...	50, 0431	55, 0431	65, 0431	70, 0431	75, 0431	85, 0431	90, 0431	95, 0431
0531	Reptilia e Batrachia	...	50, 0531	55, 0531	65, 0531	70, 0531	75, 0531	85, 0531	90, 0531	95, 0531
0631	Pisces	...	50, 0631	55, 0631	65, 0631	70, 0631	75, 0631	85, 0631	90, 0631	95, 0631
0731	Tunicata, Amphioxus, etc.	...	50, 0731	55, 0731	65, 0731	70, 0731	75, 0731	85, 0731	90, 0731	95, 0731
0831	Arthropoda, inclusi Insecta	...	50, 0831	55, 0831	65, 0831	70, 0831	75, 0831	85, 0831	90, 0831	95, 0831
0931	Myriopoda	...	50, 0931	55, 0931	65, 0931	70, 0931	75, 0931	85, 0931	90, 0931	95, 0931
1031	Arachnida	...	50, 1031	55, 1031	65, 1031	70, 1031	75, 1031	85, 1031	90, 1031	95, 1031
1131	Xiphosura, Eurypterida, Trilobita, etc.	...	50, 1131	55, 1131	65, 1131	70, 1131	75, 1131	85, 1131	90, 1131	95, 1131
1231	Crustacea	...	50, 1231	55, 1231	65, 1231	70, 1231	75, 1231	85, 1231	90, 1231	95, 1231
1331	Mollusca, inclusi Cephalopoda, Gastropoda, Amphipoda, Scaphopoda e Lamellibranchiata (Pelecypoda)	...	50, 1331	55, 1331	65, 1331	70, 1331	75, 1331	85, 1331	90, 1331	95, 1331
1431	Brachiopoda, inclusi Bryozoa (Polizoa)	...	50, 1431	55, 1431	65, 1431	70, 1431	75, 1431	85, 1431	90, 1431	95, 1431
1531	Vermes	...	50, 1531	55, 1531	65, 1531	70, 1531	75, 1531	85, 1531	90, 1531	95, 1531
1631	Echinodermata	...	50, 1631	55, 1631	65, 1631	70, 1631	75, 1631	85, 1631	90, 1631	95, 1631
1731	Coelenterata, inclusi Graptolithoidea	...	50, 1731	55, 1731	65, 1731	70, 1731	75, 1731	85, 1731	90, 1731	95, 1731
1831	Porifera	...	50, 1831	55, 1831	65, 1831	70, 1831	75, 1831	85, 1831	90, 1831	95, 1831
1931	Protozoa	...	50, 1931	55, 1931	65, 1931	70, 1931	75, 1931	85, 1931	90, 1931	95, 1931
2031	Fossili di dubbia affinità od origine	...	50, 2031	55, 2031	65, 2031	70, 2031	75, 2031	85, 2031	90, 2031	95, 2031



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50.2831 **XIPHOSURA, EURIPTERIDA, TRILOBITA, Etc.**dt **Russia in Europe.**

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PTERIDA, TRILOBITA, &c.*

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55.3031 *ARACHNIDA.*

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55.5631 REPTILIA AND BATRACHIA.

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65 TRIASSIC.

65.0131 FOSSILS OF DOUBTFUL AFFINITY OR ORIGIN.

de British Islands.

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65.0231 GENERAL PALEO-ZOOLOGY.

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65.0831 CŒLEENTERATA INCLUDING GRAPTOLITHOIDEA.

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65.1031 *ECHINODERMATA.**de* **British Islands.**

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65.2031 *BRACHIOPODA INCLUDING BRYOZOA (POLYZOA).*

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65.2231 *MOLLUSCA, INCLUDING CEPHALOPODA, GASTROPODA, AMPHINEURA, SCAPHOPODA, AND LAMELLIBRANCHIATA (PELECYPODA).**de* **German Empire.**

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65.2431 *ARTHROPODA, INCLUDING INSECTA.**df* **France and Corsica.**

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65.2631 *CRUSTACEA.**de* **British Islands.**

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65.5631 *REPTILIA AND BATRACHIA.**d* **Europe.**

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de **German Empire.**

Fraas, E[berhard]. Labyrinthodon aus dem Buntsandstein von Teinach. Stuttgart, Jahreshefte Ver. Natk., **57**, 1901, 318-320. [N 5631].

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de **Austria-Hungary.**

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70 JURASSIC.

70.0231 GENERAL PALEO-ZOOLOGY.

de **German Empire.**

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dd **Luxemburg.**

Benecke, E[rnst] W[ilhelm]. Ueberblick über die palaeontologische Gliederung der Eisenerzformation in Deutsch-Lothringen und Luxemburg. Strassburg, Mitt. Geol. Landesanst., **5**, 1901, (139-163). [70.0231 *de* H 70 *de* *dd*].

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df **France and Corsica.**

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dg **Spain and Portugal.**

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ff **East Africa.**

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de British Islands.

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Otway, A. L. Irish red deer. Irish Nat., Dublin, 10, 1901, (101).

Sheppard, T. A fossil walrus in Holderness. Hull, Trans. Hull Sci. Cl., 1, (4), 1901, (250).

Simpson, J. and Hepburn, D. Mammalian bones . . . at Hailes quarry. Edinburgh, Trans. Geol. Soc., 8, (1), 1901 (27-32).

df France and Corsica.

Boule, M[arcellin]. Les gravures et peintures sur les parois des cavernes. Anthr., Paris, 12, 1901, (671-677, av. fig.).

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————— Une nouvelle grotte avec parois gravées à l'époque paléolithique. Paris, C.-R. Acad. sci., 133, 1901, (478-480, 493-495).

Chantre, E. Paléontologie humaine. L'homme quaternaire dans le bassin du Rhône. Étude géologique et anthropologique. Ann. Univ. Lyon, (n. sér.), I. sciences et médecine, 4, 1901, (1-189, av. 74 fig.); A paru aussi à part, comme thèse es-sciences. Univ. Lyon, Paris (J. B. Baillière); Lyon (Rey), 1901, (189, av. 74 fig.).

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dh Italy: Sicily and Sardinia.

Ricci, Arnaldo. *L'Elephas primigenius* Bl. nel postpliocene della Toscana. Paleontogr. Italica, Pisa, 7, 1901, (121-148, con 3 tav.).

————— *L'Elephas trogontherii* Pohlig, di Montecatini in Val di Nievole. Roma, Rend. Acc. Lincei, (Ser. 5), 10, 2° sem., 1901, (93-98, con fig.).

Seguena, Luigi. *L'Hippopotamus pentlandi*, Falconer, di Taormina. Acireale, Atti e Rendic. Acc. Zelanti, (N. Ser.), 10, (1899-1900), 1901, (1-8).

Stefano (De), Giuseppe. Ancora sull' *Elephas meridionalis* Nesti ed il *Rhinoceros mercki* Jaeg. nel quaternario di Reggio Calabria. Roma, Boll. Soc. geol. ital., 20, 1901, (339-342, con fig.).

————— *L'Elephas* (Euelephas) *Antiquus* Falc. in Calabria e la sua contemporaneità con l'*Elephas meridionalis* Nesti, l'*Elephas primigenius* Blum. ed il *Rhinoceros mercki* Jaeg. nel postpliocene dell'Italia e dell'Estero. Reggio di Calabria, 1901, (1-30, con tav.). 32 cm.

dk Austria-Hungary.

Klaatsch, [Hermann]. Ueber den neuen Fund von Knochenresten des altdiluvialen Menschen von Krapina in Kroatien. Berlin, Zs. D. geol. Ges., 53, 1901, Verhandl., (44-46). [P 3600 0200 O 2020 N 6031].

dl Balkan Peninsula.

Ricci, Arnaldo. *L'Elephas primigenius* della Dobrogea (Romania). Roma, Rend. Acc. Lincei, (Ser. 5), 10, 2° sem., 1901, (14-17, con fig.).

ea Asiatic Russia.

Adelung, N[ikolai] von. Ueber den jüngsten Fund einer Mammuteiche in Ostsibirien. Globus, Braunschweig, 80, 1901, (85-87). [N 6031].

ea **Asiatic Russia.**

Kadmonko, N. Squelette de mammouth qui porte les traces de ce que certaines parties du corps de cet animal servaient de nourriture à l'homme contemporain. (russe). St. Peterburg. Mém. Ac. Sc., 11, 7, 1901, (1-56, av. 8 pl.). [H 95 *ea*].

Ricci, Arnaldo. Mammiferi post-pliocenici di Kurgan in Siberia. Roma, Boll. Soc. geol. ital., 20, 1901, (368-393, con tav.).

fb **N.E. Africa.**

Fiamand, G. C. M. Hadjrat Mek-toubat, ou les pierres écrites. Lyon, Bul. soc. anthr., 20, 1901, (181-222, av. fig.). [95.5831].

Les pierres écrites (Hadjrat mektoubat) du nord de l'Afrique et spécialement de la région d'In-Salah. (Congrès internat. d'anthr. et d'archéol. préhistoriques, 12^e session. Paris, 1900). Anthr., Paris, 12, 1901, (535-538).

Gaillard, C. Le Bélier de Mendès ou le mouton domestique de l'ancienne Egypte. Les rapports avec les antilopes vivants et fossiles. Lyon, Bul. soc. anthr., 20, 1901, (69-102, av. fig.). Discussion (102-103).

fh **Madagascar and Comoro Group.**

Burchhardt, Rud. Das Gehirn zweier subfossiler Riesenlemuren aus Madagascar. Anat. Anz., Jena, 20, 1901, (229-237). [N 6007 6031].

Grandidier, Guillaume. Un nouvel Edenté subfossile de Madagascar. Bul. Muséum, Paris, 1901, (54-56, av. fig.).

Major, C. J. Forsyth. Ueber lebende und ausgestorbene Säugetiere Madagascars. Tagebl. intern. Zool. Congr., 5, 1901, No. 6, (4). [N 6027].

gi **Western United States, West of Mississippi.**

[Holmes, William.] Die Quelle von Afton im Indianerterritorium, ein Sammelplatz diluvialer und rezenter Säugetiere. Globus, Braunschweig, 81, 1902, (101-102). [P 8100].

hi **Argentina.**

Lehmann-Nitsche, R. Der Mensch und das Grypotherium in Süd-Patagonien. Verb. Ges. D. Natf., Leipzig, 72, II, 1, 1901, (129-131).

Nordenakiöld, Erland. Observations and discoveries in caves near Ultima Esperanza, S.W. Patagonia (1900). Stockholm, Vet.-Ak. Handl. 33, 1901, No. 3, (24, with 7 pl.).

Tournouër, A. Néomyodon et l'animal mystérieux de la Patagonie. Paris, C.-R. Acad. sci., 132, 1901, (96-97).

hk **Chili.**

Philippi, R. A. *Tursiops chiloënsis* Ph. Eine neue Art chilenischer Delphine. Arch. Natg., Berlin, 67, Bd 1, 1901, (276-278). [N 6031 6007].

PALAEOZOOLOGY.

B. ZOOLOGICAL CLASSIFICATION.

0131 FOSSILS OF DOUBTFUL
AFFINITY OR ORIGIN.

0131.50 LOWER PALAEOZOIC.

Monocraterion. **Matthew**, G. F. Irish Nat., Dublin, **10**, 1901, (135).

and Oldhamia. **Cole**, G. A. J. Irish Nat., Dublin, **10**, 1901, (81).

0131.85 LOWER CAENOZOIC.
(EOCENE, OLIGOCENE).

Daemonehelix krameri. n. sp. **Ammon**, Ludwig von. Geogn. Jahreshfte, München, **13** (1900), 1901, (55-69, mit 2 Taf.).

0431 PROTOZOA.

0431.55 UPPER PALAEOZOIC.

Hyperammina ramosissima. **Chapman**, F. Ann. Mag. Nat. Hist., (Ser. 7), **7**, 1901, (142).

Stacheia stomatifera. **Chapman**, F. Ann. Mag. Nat. Hist., (Ser. 7), **7**, 1901, (143).

0431.75 CRETACEOUS.

Cornuspira angusta (Ammodiscus angustus?) n. sp. **Friedberg**, Wilhelm. Kraków, Rozpr. Akad., B, **41**, 1901, (601-668, with 1 pl.).

Dendrophra discreta, n. sp. **Friedberg**, Wilhelm. Kraków, Rozpr. Akad., B, **41**, 1901, (601-668, with 1 pl.).

Lagena apiculata Reuss n. var. tetracarinata. **Friedberg**, Wilhelm. Kraków, Rozpr. Akad., B, **41**, 1901, (601-668, with 1 pl.).

Miliolina, nn. spp. **Friedberg**, Wilhelm. Kraków, Rozpr. Akad., B, **41**, 1901, (601-668, with 1 pl.).

Orbitoides. **Schlumberger**, Ch. Paris, Bul. soc. géol., (sér. 4), **1**, 1901, (459-467, av. 2 pl.).

Polymorphina, nn. spp. **Friedberg**, Wilhelm. Kraków, Rozpr. Akad., B, **41**, 1901, (601-668, with 1 pl.).

Trochammina, nn. spp. **Friedberg**, Wilhelm. Kraków, Rozpr. Akad., B, **41**, 1901, (601-668, with 1 pl.).

0431.85 LOWER CAENOZOIC.
(EOCENE, OLIGOCENE.)

Dictyonus. **Douvillé**, H. Paris, Bul. soc. géol., (Sér. 4), **1**, 1901, (157).

Nummulitides. **Gentile**, Giuseppe. Napoli, Atti Acc. sc., (sér. 1), **11**, 1901, (Estr. 1-14, con tav.).

sp. **Szajnoch**, Władysław. Kosmos, Lwów, **26**, 1901, (304-306).

0431.90 UPPER CAENOZOIC
(MIOCENE, PLIOCENE.)

Ellipsoglandulina. **Silvestri**, Alfredo. Acireale, Atti Acc., Zelanti, (N. Ser.), **10**, (1899-1900), (1-9, con tav.).

Lepidocyclina. **Schlumberger**, C. Leiden, Samml. Geol. Reichsmus., (Ser. 1), **6**, [1899-1902], (128-134, av. 1 pl.).

n. sp. **Schlumberger**, C. Leiden, Samml. Geol. Reichsmus., (Ser. 1), **6**, [1899-1902], (250-253, av. 1 pl.).

Nummulitides. **Gentile**, Guiseppe. Napoli, Atti Acc. sc., (sér. 1), **11**, 1901, (Estr. 1-14, con tav.).

Textularia. **Formasini**, Carlo. Riv. ital. paleont., Bologna, **7**, 1901, (104-106, con tav.).

0431.95 PLEISTOCENE AND RECENT.

Bulimina. Fornasini, Carlo. Bologna, Mem. Acc. sc., (Ser. 5), 9, 1901, (371-381, con 1 tav. e 7 fig. nel testo).

0631 COELENTERATA.

0631.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Neostroma sumatraensis n. gen. et n. sp. Tornquist, Alexander. Berlin, SitzBer. Ak. Wiss., 1901, (1115-1123).

0631.50 LOWER PALAEOZOIC.

Didymograptus acutidens ex Lapworth MS.; *D. amplus*: *D. artus*: *D. deflexus*; *D. nanus*, Lapworth, [*D. indentus* var. *nanus*, 1875]; *D. nicholsoni*, Lapworth, var. *planus*; *D. simulans*; *D. stabilis*; *D. uniformis*. Ellis, G. A. and Wood, E. M. R. London, Monogr. Palaeont. Soc., 55, 1901, (25, 44, 48, 35, 47, 55, 30, 49, 12).

Madreporaria aporosa. Lambe, Laurence M. Geol. Surv. Can., Ottawa, Contributions to Canadian Palaeontology, IV, Part 2, 1901, (98-197, with 12 pl.).

0631.55 UPPER PALAEOZOIC.

Alveolites polenowi n. sp. Fests. Trav. sect. géol. Cab., S. M. I., St. Petersburg, 4, 1901, (1-387).

Amplexus nn. spp. Rowley, R. R. Amer. Geol., Minneapolis, Minn., 27, 1901, (343-355, with 1 pl.).

Aulopora nn. spp. Rowley, R. R. Amer. Geol., Minneapolis, Minn., 27, 1901, (343-355, with 1 pl.).

Axophyllum? *alleni* n. sp. Rowley, R. R. Amer. Geol., Minneapolis, Minn., 27, 1901, (343-355, with 1 pl.).

Coleophyllum? *greeni* n. sp. Rowley, R. R. Amer. Geol., Minneapolis, Minn., 27, 1901, (343-355, with 1 pl.).

Cyathopaedium nn. spp. Fests. Trav. sect. géol. Cab., S. M. I., St. Petersburg, 4, 1901, (1-387).

(x-4166)

Cystiphyllum salalicum n. sp. Fests. Trav. sect. géol. Cab., S. M. I., St. Petersburg, 4, 1901, (1-387).

Favosites brusnitzini; *F. forbesi*, var. *sibirica* n. sp. et n. var. Fests. Trav. sect. géol. Cab., S. M. I., St. Petersburg, 4, 1901, (1-387).

Fenestella torwoodensis. Whidborne, G. F. Geol. Mag., London, (Ser. 2), 8, [4], 1901, (537).

Madreporaria rugosa. Lambe, Laurence M. Geol. Surv. Can., Ottawa, Contributions to Canadian Palaeontology, 4, Part 2, 1901, (98-197, with 12 pl.).

Metriophyllum elsii. Whidborne, G. F. Geol. Mag., London, (Ser. 2), 8, [4], 1901, (538).

Microplasma nesterowskii n. sp. Fests. Trav. sect. géol. Cab., S. M. I., St. Petersburg, 4, 1901, (1-387).

Pleurodictyum pachyporoides. Whidborne, G. F. Geol. Mag., London, (Ser. 2), 8, [4], 1901, (539).

Spongophyllum wenjukowi n. sp. Fests. Trav. sect. géol. Cab., S. M. I., St. Petersburg, 4, 1901, (1-387).

Striatopora tchichatschewi n. sp. Fests. Trav. sect. géol. Cab., S. M. I., St. Petersburg, 4, 1901, (1-387).

0631.70 JURASSIC.

Medusina geryonides n. sp. Huene, F. von. N. Jahrb. Min., Stuttgart, 1901, 1, (1-8, mit 2 Taf.).

0631.75 CRETACEOUS.

Leptophyllia baltica n. sp. Hennig, Anders. Stockholm, Vet.-Ak. Bih., 26, 1901, No. 9, (17, with 1 pl.).

0631.85 LOWER CAENOZOIC. (EOCENE, OLIGOCENE.)

Prionastraea vaughani, Gregory. Vaughan, T. Wayland. Ann. Mag. Nat. Hist., London, (Ser. 7), 7, 1901, (300).

Trematotrochus n. sp. Dennant, J. Adelaide, S. Austr., Trans. R. Soc., 25, 1901, (48-53, with pl.).

0831.90 UPPER CAENOZOIC.
(MIOCENE, PLIOCENE.)

Ceratotrochus alcockianus n. sp. **Noetting**, Fritz. Pal. Ind., Calcutta, (N. Ser.), 1, (3), 1901, (1-378, with 25 pls.).

1031 ECHINODERMATA.

1031.55 UPPER PALAEOZOIC.

Agelacrinites nn. spp. **Clarke**, John Mason. Paleontologic Papers, 2. by R. Ruedemann, J. M. Clarke, and E. Wood, q.v.

Aorocrinus wachsmuthi n. sp. **Rowley**, R. R. Amer. Geol., Minneapolis, Minn., 27, 1901, (343-355, with 1 pl.).

Carpenteroblastus pentagonus n. gen. et n. sp. **Rowley**, R. R. Amer. Geol., Minneapolis, Minn., 27, 1901, (343-355, with 1 pl.).

Cyrtolites bennetti n. sp. **Rowley**, R. R. Amer. Geol., Minneapolis, Minn., 27, 1901, (343-355, with 1 pl.).

Dielasma? pediculus n. sp. **Rowley**, R. R. Amer. Geol., Minneapolis, Minn., 27, 1901, (343-355, with 1 pl.).

Gennaeocrinus carinatus n. sp. **Wood**, Elvira. Amer. J. Sci., New Haven, Conn., (Ser. 4), 12, 1901, (297-300, with 1 pl.).

Hystericrinus schwerdii Follm. n. sp. **Follmann**, O. Bonn, Verh. nathist. Ver., 58, 1901, (66-76, mit 1 Taf.).

Lepidodiscus alleganius n. sp. **Clarke**, John M[ason]. Paleontological Papers by Ruedemann, Clarke and Wood, q.v.

Leptopora nn. spp. **Rowley**, R. R. Amer. Geol., Minneapolis, Minn., 27, 1901, (343-355, with 1 pl.).

Lophoblastus n. gen. et nn. spp. **Rowley**, R. R. Amer. Geol., Minneapolis, Minn., 27, 1901, (343-355, with 1 pl.).

Noetlingia monteili n. sp. **Gauthier**, Victor. Paris, Bul. soc., géol., (sér. 4), 1, 1901, (189-193, av. 1 pl.).

Trigeria? curriei n. sp. **Rowley**, R. R. Amer. Geol., Minneapolis, Minn., 27, 1901 (343-355, with 1 pl.).

1031.65 TRIASSIC.

Echinodermata incertae sedis. **Bather**, F[rancis] A[rthur]. Geol. Mag., London, (N. Ser.), 8, [4], 1901, (70-71).

—— **Burckhardt**, Rudolf. Geol. Mag., London, (N. Ser.), 8, [4], 1901, (3-4, with fig.).

1031.70 JURASSIC.

Pentacrinus merzbacheri n. sp. **Ammon**, Ludwig von. In Gottfr. Merzbacher, Aus den Hochregionen des Kaukasus, Leipzig, 1901, 2, (719-807, mit Taf.).

1031.75 CRETACEOUS.

Noetlingia monteili. **Lapparent**, A. de. Géographie, Paris, 3, 1901, (257-280).

... *Oursin crétaé dans le Sahara oriental.* **Lapparent**, A. de. Paris, C.-R. Acad. sci., 132, 1901, (388-392).

1031.90 UPPER CAENOZOIC.
(MIOCENE, PLIOCENE.)

Clypeaster duncanianus n. sp. **Noetting**, Fritz. Fauna . . . Miocene . . . Burma. Pal. Ind., Calcutta, (N. Ser.), (3), 1901, (1-378, with 25 pls.).

1831 VERMES.

1831.55 UPPER PALAEOZOIC.

Conchicolites tuberculifera. **Chapman**, F. Ann. Mag. Nat. Hist., (Ser. 7), 7, 1901, (145).

Spirorbis? dubius n. sp. **Rowley**, R. R. Amer. Geol., Minneapolis, Minn., 27, 1901, (343-355, with 1 pl.).

2031 BRACHIOPODA. INCLUDING BRYOZOA (POLYZOA).

Brachiopoda.

(*Bryozoa* v. p. 100)

2031.50 LOWER PALAEOZOIC.

Acrothyra n. gen. **Matthew**, G. F. St. John's, N.B., Bull. Nat. Hist. Soc. New Brunsw., 19, 1901. (303-304).

Bicia n. gen. **Walcott**, Charles Doolittle]. Washington, D.C. Smithsonian Inst., Nation. Mus. Proc., **23**, 1901, (669-695). Published as separate.

Camarrella nn. spp. **Sardeson**, F. W. Minneapolis, Bull. Minn. Acad. Nat. Sci., **3**, 1901, (326-333, with pl.).

Crania halli n. sp. **Sardeson**, F. W. Minneapolis, Bull. Minn. Acad. Nat. Sci., **3**, 1901, (326-343, with pl.).

Discina concordensis n. sp. **Sardeson**, F. W. Minneapolis, Bull. Minn. Acad. Nat. Sci., **3**, 1901, (326-343, with pl.).

Leptaena nn. spp. **Sardeson**, F. W. Minneapolis, Bull. Minn. Acad. Nat. Sci., **3**, 1901, (326-343, with pl.).

Obolella (*Glyptias*) n. spp. **Walcott**, Charles Doolittle]. Washington, D.C. Smithsonian Inst., Nation. Mus. Proc., **23**, 1901, (669-695).

Obolus (*Westonia*) n. subgen. **Walcott**, C. D. Washington, D.C. Smithsonian Inst., Nation. Mus. Proc., **23**, 1901, (669-695). Published as separate. 23.5 cm.

Orthis nn. spp. **Sardeson**, F. W. Minneapolis, Bull. Minn. Acad. Nat. Sci., **3**, 1901, (326-343, with pl.).

Productella minneapolis n. sp. **Sardeson**, F. W. Minneapolis, Bull. Minn. Acad. Nat. Sci., **3**, 1901, (326-343, with pl.).

Rhychonella nn. spp. **Sardeson**, F. W. Minneapolis, Bull. Minn. Acad. Nat. Sci., **3**, 1901, (326-343, with pl.).

Skenidium anthonensis n. sp. **Sardeson**, F. W. Minneapolis, Bull. Minn. Acad. Nat. Sci., **3**, 1901, (326-343).

Streptorhynchus subsulcatus n. sp. **Sardeson**, F. W. Minneapolis, Bull. Minn. Acad. Nat. Sci., **3**, 1901, (326-343, with pl.).

Zygospira aquila n. sp. **Sardeson**, F. W. Minneapolis, Bull. Minn. Acad. Nat. Sci., **3**, 1901, (326-343, with pl.).

Athyris nn. spp. **Drevermann**, Fritz. Marburg [Druck v. A. W. Schade, Berlin], 1901, (111).

Atrypa nn. spp. **Pestz**, Trav. Sect. géol. Cab., S.M.I., St. Peterburg, **4**, 1901, (1-387).

Camarrella nn. spp. **Sardeson**, F. W. Minneapolis, Bull. Minn. Acad. Nat. Sci., **3**, 1901, (326-343, with pl.).

Camarotoechia pauciplicata n. sp. **Wood**, Elvira. Paleontologic Papers, **2**, by R. Ruedemann, J. M. Clarke, and E. Wood q. v.

Chonetes gregarius n. sp. **Weller**, Stuart. St. Louis, Mo., Trans. Acad. Sci., **11**, 1901, (147-214, with pl.).

Crania halli n. sp. **Sardeson**, F. W. Minneapolis, Bull. Minn. Acad. Nat. Sci., **3**, 1901, (326-343, with pl.).

Dalmanella frechi n. sp. **Fliegel**, G. Palaeontographica, Stuttgart, **48**, 1901, (91-136, mit 3 Taf.).

———— *inostranzewi* n. sp. **Pestz**, Trav. Sect. géol. Cab., S.M.I., St. Peterburg, **4**, 1901, (1-387).

———— *subquadrata* n. nom. (= *Orthis perosii* Keyser). **Fliegel**, G. Palaeontographica, Stuttgart, **48**, 1901, (91-136, mit 3 Taf.).

Discina concordensis n. sp. **Sardeson**, F. W. Minneapolis, Bull. Minn. Acad. Nat. Sci., **3**, 1901, (326-343, with pl.).

Glassia ? n. sp. **Drevermann**, Fritz. Marburg [Druck v. A. W. Schade, Berlin], 1901, (111).

Leptaena n. spp. **Sardeson**, F. W. Minneapolis, Bull. Minn. Acad. Nat. Sci., **3**, 1901, (326-343, with pl.).

Lingula, with *Lepidodendron*. **Etheridge**, [Robert], Jr. Sydney, Austr. Mus., **4**, 1901, No. 3 (119-120, woodcut).

Orthis tersus nn. spp. **Sardeson**, F. W. Minneapolis, Bull. Minn. Acad. Nat. Sci., **3**, 1901, (326-343, with pl.).

Orthothetes nn. spp. **Fliegel**, G. Palaeontographica, Stuttgart, **48**, 1901, (91-136, mit 3 Taf.).

Pentamerus kayseri n. sp. **Pestz**, Trav. Sect. géol. Cab., S.M.I., St. Peterburg, **4**, 1901, (1-387).

203155 UPPER PALÆOZOIC.

Anathyris trapezoidalis n. subgen. et n. sp. **Pestz**, Trav. Sect. géol. Cab., S.M.I., St. Peterburg, **4**, 1901, (1-387).

(K-4166)

Productella minneapolis n. sp. **Sardeson**, F. W. Minneapolis, Bull. Minn. Acad. Nat. Sci., **3**, 1901, (326-343, with pl.).

Productus meisteri n. sp. **Petz.** Trav. Sect. géol. Cab., S.M.I., St. Peterburg, **4**, 1901, (1-387).

Pseudoglossothyris [type:—*Terebratula curvifrons*, Oppel.] **Buckman**, S. S. Gloucester, Proc. Cotteswold Nat. F. Cl., **13**, (4), 1901, (240).

Retzia nn. spp. **Petz.** Trav. Sect. géol. Cab., S.M.I., St. Peterburg, **4**, 1901, (1-387).

Rhynchoncha (*Hypothyris*) n. sp. **Drevermann**, Fritz. Marburg [Druck v. A. W. Schade, Berlin], 1901, (111).

Rhynchonella nn. spp. **Sardeson**, F. W. Minneapolis, Bull. Minn. Acad. Nat. Sci., **3**, 1901, (326-343, with pl.).

——— *standishensis*. **Buckman**, S. S. Gloucester, Proc. Cotteswold Nat. F. Cl., **13**, (4), 1901, (245).

——— *tricostata* n. sp. **Petz.** Trav. Sect. géol. Cab., S.M.I., St. Peterburg, **4**, 1901, (1-387).

Schizophoria derjawini n. sp. **Petz.** Trav. Sect. géol. Cab. S.M.I., St. Peterburg, **4**, 1901, (1-387)

Skenidium anthonensis nn. sp. **Sardeson**, F. W. Minneapolis, Bull. Minn. Acad. Nat. Sci., **3**, 1901, (326-343, with pl.).

Spirifer nn. spp. **Petz.** Trav. Sect. géol. Cab., S.M.I., St. Peterburg, **4**, 1901, (1-388).

Spirigera nn. spp. **Fliegel**, G. Palaeontographica, Stuttgart, **48**, 1901, (91-136, mit 3 Taf.).

Streptorhynchus subpelargonatus n. sp. **Fliegel**, G. Palaeontographica, Stuttgart, **48**, 1901, (91-136, mit 3 Taf.).

——— *subsulcatum* n. sp. **Sardeson**, F. W. Minneapolis, Bull. Minn. Acad. Nat. Sci., **3**, 1901, (326-343, with pl.).

Strophomena halli, S. in-quassa n. spp. **Sardeson**, F. W. Minneapolis, Bull. Minn. Acad. Nat. Sci., **3**, 1901, (326-343, with pl.).

Zygospira aquila n. sp. **Sardeson**, F. W. Minneapolis, Bull. Minn. Acad. Nat. Sci., **3**, 1901, (326-343, with pl.).

2031.65 TRIASSIC.

Orthis. **Eisler**. Nancy, Bul. soc. sci., (sér. 3), **2**, 1901, (97-100, av. 1 pl.).

2031.70 JURASSIC.

Microthyris tardecrescens. **Buckman**, S. S. Gloucester, Proc. Cotteswold, Nat. F. Cl., **13**, (4), 1901, (256).

Terebratula hyalina; *T. imitator*; *T. microtrypa*; *T. permaxillata*; *T. polyplecta*; *T. siderica*; *T. subomalogaster*. **Buckman**, S. S. Gloucester, Proc. Cotteswold Nat. F. Cl., **13**, (4), 1901, (248, 254, 257, 261, 242, 248, 259).

Zeilleria nn. spp. **Buckman**, S. S. Gloucester, Proc. Cotteswold Nat. F. Cl., **13**, (4), 1901, (288, 257, 260, 255).

2031.85 LOWER CAENOZOIC. (EOCENE, OLIGOCENE.)

Bicia n. spp. **Walcott**, Charles D[oolittle]. Washington, D.C. Smithsonian Inst., Nation. Mus. Proc., **23**, 1901, (669-695).

Obolus (*Westonia*) n. spp. **Walcott**, Charles D[oolittle]. Washington, D.C. Smithsonian Inst., Nation. Mus. Proc., **23**, 1901, (669-695).

2031.90 UPPER CAENOZOIC. (MIOCENE, PLIOCENE.)

Discina multiradiata n. sp. **Dollfus**, G. et Dautzenberg, Ph. J. Conchyliol., Paris, **49**, 1901, (229-280).

Bryozoa.

2031.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Bryozoa ciclostomata. **Neviani**, Antonio. Parte 2ª, Cap. 2º. Storia delle specie, 1ª centuria. Roma, 1901, (67-98, Con fig.) 25 cm.

Vittaticella, n. nom. for *Caloporella*, McG., with list of species affected. **Maplestone**, C. M. Melbourne, Proc. R. Soc. Vict., (N. Ser.), 13, 1901, (201-203).

2031.85 *LOWER CAENOZOIC,*
(*EOCENE, OLIGOCENE.*)

Amphiblestrum nn. spp. **Maplestone**, C. M. Melbourne, Proc. R. Soc. Vict., (N. Ser.), 13, 1901, (189, pl. xxiv).

Cellaria nn. spp. and n. var. **Maplestone**, C. M. Melbourne, Proc. R. Soc. Vict., (N. Ser.), 13, 1901, (183-184, pl. xxiii).

Corbulipora ampulla, n. sp. **Maplestone**, C. M. Melbourne, Proc. R. Soc. Vict., (N. Ser.), 13, 1901, (207, pl. xxxiv).

Cribrilina turgida, n. sp. **Maplestone**, C. M. Melbourne, Proc. R. Soc. Vict., (N. Ser.), 13, 1901, (205, pl. xxxiv).

Lepralia nn. spp. **Maplestone**, C. M. Melbourne, Proc. R. Soc. Vict., (N. Ser.), 13, 1901, (208, pl. xxxv).

Macropora cribrilifera, n. sp. **Maplestone**, C. M. Melbourne, Proc. R. Soc. Vict., (N. Ser.), 13, 1901, (204, pl. xxxiv).

Melicerita elliptica, n. sp. **Maplestone**, C. M. Melbourne, Proc. R. Soc. Vict., (N. Ser.), 13, 1901, (184, pl. xxiii).

Membranipora nn. spp. **Maplestone**, C. M. Melbourne, Proc. R. Soc. Vict., (N. Ser.), 13, 1901, (186, pl. xxiii).

Micropora nn. spp. **Maplestone**, C. M. Melbourne, Proc. R. Soc. Vict., (N. Ser.), 13, 1901, (207, pl. xxxiv).

Microporella rugosa, n. sp. **Maplestone**, C. M. Melbourne, Proc. R. Soc. Vict., (N. Ser.), 13, 1901, (208, pl. xxxiv).

Ovaticella turbinata n. gen. et n. sp. **Maplestone**, C. M. Melbourne, Proc. R. Soc. Vict., (N. Ser.), 13, 1901, (212, pl. xxxv).

2231 MOLLUSCA, INCLUDING CEPHALOPODA, GASTROPODA, AMPHINEURA, SCAPHOPODA, AND LAMELLIBRANCHIATA (PELECYPODA).

Cephalopoda.

2231.35 *GENERAL, INCLUDING STRATA OF UNKNOWN AGE.*

Ammonites. **Blanchenhorn**, Max. Natw. Wochenschr., Berlin, 16, 1901, (57-59).

2231.55 *UPPER PALAEOZOIC.*

Aipoceras hainesianum. **Foord**, A. H. London, Monogr. Palaeont. Soc., 55, 1901, (131).

Clymenia kayseri n. sp. **Drevermann**, Fritz. Marburg [Druck v. A. W. Schade, Berlin], 1901, (111).

Goniaticites [carbonifères dans le Sahara]. **Collet**. Paris, C.-R. Acad. Sci., 183, 1901, (349-351).

Orthoceras orientale n. sp. **Fliegel**, G. Palaeontographica, Stuttgart, 48, 1901, (91-136, mit 3 Taf.).

Pericyclus multicostatus. **Foord**, A. H. London, Monogr. Palaeont. Soc., 55, 1901, (139).

Pleuromutilus nn. spp. **Fliegel**, G. Palaeontographica, Stuttgart, 48, 1901, (91-136, mit 3 Taf.).

Prodromites praematurus n. gen. et n. sp. **Smith**, James Perrin, and Weller, Stuart. Chicago, Ill., J. Geol., Univ. Chic., 9, 1901, (225-268, with 3 pl.).

Salenocheilus clausus. **Foord**, A. H. London, Monogr. Palaeont. Soc., 55, 1901, (130).

2231.65 *TRIASSIC.*

Argonauta? n. sp. **Yoshiwara**, S., Annot. Zool. Jap., Tokyo, 3, 1901, (174-176, with pl.).

2231.70 *JURASSIC.*

Aspidoceras acanthicum. **Canavaria**, Maria. Paleontogr. Italica, Pisa, 6, 1900, 1901, (1-15, con tav.).

Belemnites nn. sp. **Gürich**, G[eorg]. N. Jahrb. Min., Stuttgart, beilagebd., **14**, 1901, (484-518, mit 2 taf.).

Nautilus. **Tagliarini**, F. P. Palermo, Giorn. Sc. nat. econ. **1901**, (196-203, con. tav.).

Rhynchoteuthis. **Thiot**, Louis. Paris, Bul. soc. géol., (sér. 4), **1**, 1901, (184).

Tmaegoceras [crassiceps] n. sp. **Pompeckj**, J[os.] F[elix]. N. Jahrb. Min., Stuttgart, **1901**, **2**, (158-170).

Nassa beaumontensis Aldr. **Aldrich**, T. H. Nautilus, Philadelphia, Pa., **15**, 1901, (74).

Paludina (*Vivipara*) *mar-tensi* n. sp. **Blanckenhorn**, Max. Berlin, Zs. D. geol. Ges., **53**, 1901, Aufsätze, (52-132, 307-502, mit 4 Taf.).

Purpura rectangularis n. sp. **Blanckenhorn**, Max. Berlin, Zs. D. geol. Ges., **53**, 1901, Aufsätze, (52-132, 307-502, mit 4 Taf.).

Tryonii mosculata n. color-var. *T. major*; *T. minor*, nn. varr. **Hemphill**, Henry. Nautilus, Philadelphia, Pa., **14**, 1901, (109-140).

2231.75 CRETACEOUS.

Ammonites. **Solger**, Friedrich. Berlin, Zs. D. geol. Ges., **53**, 1901, Verhandl., (35-36).

Baculites. . . . **Smith**, James Perrin. Amer. Nat., Boston, Mass., **35**, 1901, (39-46).

Helioceras *stevensoni*. **Whitfield**, R[obert] P[arr]. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **14**, 1901, (219, with 2 pl.).

Lytoceras sp. **Whiteaves**, J. F. Ottawa Nat., **15**, 1901, (31-32).

Gastropoda and Amphineura.

2231.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Columbella multicostata n. sp. **Blanckenhorn**, Max. Berlin, Zs. D. geol. Ges., **53**, 1901, Aufsätze, (52-132, 307-502, mit 4 Taf.).

Helix (*ruficinata*) *feralis*; *H. (ruf.) sodalis* nn. varr. **Hemphill**, Henry. Nautilus, Philadelphia, Pa., **14**, 1901, (109-140).

— *quadridentata* n. sp. **Blanckenhorn**, Max. Berlin, Zs. D. geol. Ges., **53**, 1901, Aufsätze, (52-132, 307-502, mit 4 Taf.).

Hyalaea angusticostata n. sp. **Blanckenhorn**, Max. Berlin, Zs. D. geol. Ges., **53**, 1901, Aufsätze, (52-132, 307-502, mit 4 Taf.).

Melanopsis aegyptiaca n. sp. **Blanckenhorn**, Max. Berlin, Zs. D. geol. Ges., **53**, 1901, Aufsätze, (52-132, 307-502, mit 4 Taf.).

2231.50 LOWER PALAEOZOIC.

Conchopeltis (or *Metoptoma*) *obtusa* n. sp. **Sardeson**, F. W. Minneapolis, Bull. Minn. Acad. Nat. Sci., **3**, 1901, (326-343, with pl.).

Fusispira spicula n. sp. **Sardeson**, F. W. Minneapolis, Bull. Minn. Acad. Nat. Sci., **3**, 1901, (326-343, with pl.).

Holopea (?) *perundosa* n. sp. **Sardeson**, F. W. Minneapolis, Bull. Minn. Acad. Nat. Sci., **3**, 1901, (326-343, with pl.).

Horiostoma discors (Sow.) var. *mariae* (ex Salter MS.). **Reed**, F. R. C., Geol. Mag., London, (Ser. 2), **8**, [4], 1901, (246).

Metoptoma explanata n. sp. **Sardeson**, F. W. Minneapolis, Bull. Minn. Acad. Nat. Sci., **3**, 1901, (326-343, with pl.).

Pleurotomaria clivosa n. sp. **Sardeson**, F. W. Minneapolis, Bull. Minn. Acad. Nat. Sci., **3**, 1901, (326-343, with pl.).

— (ex Salter MS.) *cyclonema*; *P. fletcheri*; *P. reniformis*, Salter; *P. striatissima*. **Reed**, F. R. C. Geol. Mag., London, (Ser. 2), **8**, [4], 1901, (248, 247, 358, and 432, 355).

Torinia protodorsuosa n. sp. **Noetling**, Fritz. Pal. Ind., Calcutta, (N. Ser.), **1**, (3), 1901, (1-378, with 25 pls.).

Trochus calyptraea (ex Salter MS.). **Reed**, F. R. C. Geol. Mag., London, (Ser. 2), **8**, [4], 1901, (109).

Tryblidium nn. spp. **Sardeson**, F. W. Minneapolis, Bull. Minn. Acad. Nat. Sci., **3**, 1901, (326-343, with pl.).

Turcica protomonilifera n. sp. **Noetting**, Fritz. Pal. Ind., (Calcutta, (N. Ser.), **1**, (3), 1901, (1-378, with 25 pls.).

2231.55 UPPER PALAEOZOIC.

Bellerophon subcostatus n. nom. (= *B. costatus* Trautschold) *Bromeri* n. nom. (= *B. asiaticus* F. Rom. ex parte). **Fliegel**, G. Palaeontographica, Stuttgart, **48**, 1901, (91-136, mit 3 Taf.).

Conchopeltis (or *Metoptoma*) *obtusum* n. sp. **Sardeson**, F. W. Minneapolis, Bull. Minn. Acad. Nat. Sci., **3**, 1901, (326-343, with pl.).

Conularia. **Etheridge Jr.**, Robert. Sydney, Rec. Austr. Mus., **4**, 1901, (52).

Euomphalus varicosus n. sp. **Drevermann**, Fritz. Marburg [Druck v. A. W. Schade, Berlin], 1901, (111).

Fusispira (?) *spicula* n. sp. **Sardeson**, F. W. Minneapolis, Bull. Minn. Acad. Nat. Sci., **3**, 1901, (326-343, with pl.).

Holopea (?) *perundosa* n. sp. **Sardeson**, F. W. Minneapolis, Bull. Minn. Acad. Nat. Sci., **3**, 1901, (326-343, with pl.).

Loxonema tshurowski n. sp. **Peetz**, Trav. sect., géol. Cab., S. M. I., St. Petersburg, **4**, 1901, (1-387).

Macrochilina excentrica n. sp. **Drevermann**, Fritz. Marburg [Druck v. A. W. Schade, Berlin], 1901, (111).

Metoptoma explanata n. sp. **Sardeson**, F. W. Minneapolis, Bull. Minn. Acad. Nat. Sci., **3**, 1901, (326-343, with pl.).

Murchisonia padangensis n. sp. **Fliegel**, G. Palaeontographica, Stuttgart, **48**, 1901, (21-136, mit 3 Taf.).

Naticopsis nn. spp. **Fliegel**, G. Palaeontographica, Stuttgart, **48**, 1901, (91-136, mit 3 Taf.).

Orthonychia n. sp. **Drevermann**, Fritz. Marburg [Druck v. A. W. Schade, Berlin], 1901, (111).

Platyostoma tchumyschense n. sp. **Peetz**, Trav. Sect. géol. Cab. S. M. I., St. Petersburg, **4**, 1901, (1-387).

Pleurotomaria nn. spp. **Fliegel**, G. Palaeontographica, Stuttgart, **48**, 1901, (91-136, mit 3 Taf.).

clivosa n. sp. **Sardeson**, F. W. Minneapolis, Bull. Minn. Acad. Nat. Sci., **3**, 1901, (326-343, with pl.).

Tryblidium n. sp. **Sardeson**, F. W. Minneapolis, Bull. Minn. Acad. Nat. Sci., **3**, 1901, (326-343, with pl.).

2231.70 JURASSIC.

Actaeon? *cinuliseiformis* n. sp. **Schlosser**, Max. Berlin, Zs. D. geol. Ges., **53**, 1901, Aufsätze, (513-569, mit 1 Taf.).

Alaria? *abbreviata* n. sp. **Schlosser**, Max. Berlin, Zs. D. geol. Ges., **53**, 1901, Aufsätze, (513-569, mit 1 Taf.).

Amberleya n. sp. aff. *Belia* d'Orb. **Schlosser**, Max. Berlin, Zs. D. geol. Ges., **53**, 1901, Aufsätze, (513-569, mit 1 Taf.).

Ceritella dubiosa n. sp. **Schlosser**, Max. Berlin, Zs. D. geol. Ges., **53**, 1901, Aufsätze, (513-569, mit 1 Taf.).

Cerithinella supraliasica n. sp. **Schlosser**, Max. Berlin, Zs. D. geol. Ges., **53**, 1901, Aufsätze, (513-569, mit 1 Taf.).

Cœlostylina nn. spp. **Böhm**, Joh. Berlin, Zs. D. geol. Ges., **53**, 1901, Aufsätze, (211-252, mit 3 Taf.).

Cylindrobullina nn. spp. **Böhm**, Joh. Berlin, Zs. D. geol. Ges., **53**, 1901, Aufsätze, (211-252, mit 3 Taf.).

Ephyra exilis n. gen. et sp. *Actaeonidae* d'Orb. **Böhm**, Joh. Berlin, Zs. D. geol. Ges., **53**, 1901, Aufsätze, (211-252, mit 3 Taf.).

Eustylus ? *liasicus* n. sp. **Schlosser**, Max. Berlin, Zs. D. geol. Ges., **53**, 1901, Aufsätze, (513-569, mit 1 Taf.).

Loxonema supremum n. sp. **Schlosser**, Max. Berlin, Zs. D. geol. Ges., **53**, 1901, Aufsätze, (513-569, mit 1 Taf.).

Nerinea. **Geiger**, Paul. Stuttgart, Jahreshefte Ver. Natk., **57**, 1901, (275-317, mit 1 Taf.).

Neritopsis algarvensis n. sp. **Böhm**, Joh. Berlin, Zs. D. geol. Ges., **53**, 1901, Aufsätze, (211-252, mit 3 Taf.).

Oonia casta n. sp. **Böhm**, Joh. Berlin, Zs. D. geol. Ges., **53**, 1901, Aufsätze, (211-252, mit 3 Taf.).

Patella delgadói n. sp. **Böhm**, Joh. Berlin, Zs. D. geol. Ges., **53**, 1901, Aufsätze, (211-252, mit 3 Taf.).

Pleurotomaria burckhardti n. sp. **Schlosser**, Max. Berlin, Zs. D. geol. Ges., **53**, 1901, Aufsätze, (513-569, mit 1 Taf.).

Scalaria nn. spp. **Schlosser**, Max. Berlin, Zs. D. geol. Ges., **53**, 1901, Aufsätze, (513-569, mit 1 Taf.).

Turritella quenstedti n. sp. **Schlosser**, Max. Berlin, Zs. D. geol. Ges., **53**, 1901, Aufsätze, (513-569, mit 1 Taf.).

2231.75 CRETACEOUS.

Cerithium nn. spp. **Schnarrenberger**, Carl. Freiburg i. B., Ber. natf. Ges., **11**, 1901, (176-214, mit 4 Taf.).

Delphinula nn. spp. **Schnarrenberger**, Carl. Freiburg i. B., Ber. natf. Ges., **11**, 1901, (176-214, mit 4 Taf.).

Glauconia böhmi n. sp. **Schnarrenberger**, Carl. Freiburg i. B., Ber. natf. Ges., **11**, 1901, (176-214, mit 4 Taf.).

Himeraelites acuta n. sp. **Schnarrenberger**, Carl. Freiburg i. B., Ber. natf. Ges., **11**, 1901, (176-214, mit 4 Taf.).

Itieria nn. spp. **Schnarrenberger**, Carl. Freiburg i. B., Ber. natf. Ges., **11**, 1901, (176-214, mit 4 Taf.).

Nerinea di-stefanoi n. sp. **Schnarrenberger**, Carl. Freiburg i. B., Ber. natf. Ges., **11**, 1901, (176-214, mit 4 Taf.).

Pileolus chelussii n. sp. **Schnarrenberger**, Carl. Freiburg i. B., Ber. natf. Ges., **11**, 1901, (176-214, mit 4 Taf.).

Pseudomelania aquilensis n. sp. **Schnarrenberger**, Carl. Freiburg i. B., Ber. natf. Ges., **11**, 1901, (176-214, mit 4 Taf.).

Scurria nn. spp. **Schnarrenberger**, Carl. Freiburg i. B., Ber. natf. Ges., **11**, 1901, (176-214, mit 4 Taf.).

Trochus spiralis n. sp. **Schnarrenberger**, Carl. Freiburg i. B., Ber. natf. Ges., **11**, 1901, (176-214, mit 4 Taf.).

Voluta scalata n. sp. **Schnarrenberger**, Carl. Freiburg i. B., Ber. natf. Ges., **11**, 1901, (176-214, mit 4 Taf.).

2231.85 LOWER CAENOZOIC. (EOCENE, OLIGOCENE.)

Acanthrochites (Notoplax) nn.spp. **Ashby**, Edwin and Torr, W. D. Adelaide, S. Aust., Trans. R. Soc., **25**, 1901, (136-144, with pl.).

Adeorbis subalpinus n. sp. **Deninger**, Karl. Geogn. Jahreshefte, München, **14**, 1901, (221-245, mit 2 Taf.).

Ancylus (Velletia) boettgeri n. sp. **Zinnendorf**, Jakob. Offenbach, Ber. Ver. Natk., **37-42**, 1901, (87-146, mit 4 Taf.).

Chiton nn. spp. **Ashby**, Edwin and Torr, W. D. Adelaide, S. Aust., Trans. R. Soc., **25**, 1901, (146-144, with pl.).

Helix wrasidloii n. sp. **Zinnendorf**, Jakob. Offenbach, Ber. Ver. Natk., **37-42**, 1901, (87-146, mit 4 Taf.).

Loricella gigantea. **Ashby**, Edwin and Torr, W. G. Adelaide, S. Aust., Trans. R. Soc., **25**, 1901, (136-144, with pl.).

Lovica nn. spp. **Ashby**, Edwin and Torr, W. G. Adelaide, S. Aust., Trans., R. Soc., **25**, 1901, (136-144, with pl.).

Natica subalpina n. sp. **Deninger**, Karl. Geogn. Jahreshefte, München, **14**, 1901, (221-245, mit 2 Taf.).

Planorbis (Segmentina) cyrenarum n. sp. **Zinnendorf**, Jakob. Offenbach, Ber. Ver. Natk., **37-42**, 1901, (87-146, mit 4 Taf.).

Plaxiphora nn. spp. **Ashby**, Edwin and Torr, W. G. Adelaide, S. Aust., Trans. R. Soc., **25**, 1901, (136-144, with pl.).

Pleurotomaprisca. **Woodward**, Henry. Geol. Mag., London, (Ser. 2), **8**, [4], 1901, (409-411, with fig.).

Panctum oligocaenicum n. sp. **Zindorf**, Jakob. Offenbach, Ber. Ver. Natk., **37-42**, 1901, (8-146, mit 4 Taf.).

Vertigo (Alaea) callosa (Rss.) var. cij. *venarum* n. var. **V. moenans** n. sp. **Zindorf**, Jakob. Offenbach, Ber. Ver. Natk., **37-42**, 1901, (37-146, mit 4 Taf.).

2231.90 *UPPER CAENOZOIC.*
(*MIOCENE, PLIOGENE.*)

Basilissa lorioliana n. sp. **Noetting**, Fritz. Pal. Ind., Calcutta, (N. Ser.), **1**, (3), 1901, (1-378, with 25 pls.).

Calliostoma koenenianum n. sp. **Noetting**, Fritz. Pal. Ind., Calcutta, (N. Ser.), **1**, (3), 1901, (1-378, with 25 pls.).

Cancellaria nn. spp. **Noetting**, Fritz. Pal. Ind., Calcutta, (N. Ser.), **1**, (3), 1901, (1-378, with 25 pls.).

Clavatula nn. spp. **Noetting**, Fritz. Pal. Ind., Calcutta, (N. Ser.), **1**, (3), 1901, (1-378, with 25 pls.).

Conus nn. spp. **Noetting**, Fritz. Pal. Ind., Calcutta, (N. Ser.), **1**, (3), 1901, (1-378, with 25 pls.).

Drillia nn. spp. **Noetting**, Fritz. Pal. Ind., Calcutta, (N. Ser.), **1**, (3), 1901, (1-378, with 25 pls.).

Eburna protozeylanica n. sp. **Noetting**, Fritz. Pal. Ind., Calcutta, (N. Ser.), **1**, (3), 1901, (1-378, with 25 pls.).

Fossarus krausei n. sp. **Noetting**, Fritz. Pal. Ind., Calcutta, (N. Ser.), **1**, (3), 1901, (1-378, with 25 pls.).

Fusus seminudus n. sp. **Noetting**, Fritz. Pal. Ind., Calcutta, (N. Ser.), **1**, (3), 1901, (1-378, with 25 pls.).

Galeodea monilifera n. sp. **Noetting**, Fritz. Pal. Ind., Calcutta, (N. Ser.), **1**, (3), 1901, (1-378, with 25 pls.).

Natica gracilior n. sp. **Noetting**, Fritz. Pal. Ind., Calcutta, (N. Ser.), **1**, (3), 1901, (1-378, with 25 pls.).

Persona gautama n. sp. **Noetting**, Fritz. Pal. Ind., Calcutta, (N. Ser.), **1**, (3), 1901, (1-378, with 25 pls.).

Pleurotoma karenaica n. sp. **Noetting**, Fritz. Pal. Ind., Calcutta, (N. Ser.), **1**, (3), 1901, (1-378, with 25 pls.).

Pyrula pseudobucephala n. sp. **Noetting**, Fritz. Pal. Ind., Calcutta, (N. Ser.), **1**, (3), 1901, (1-378, with 25 pls.).

Ranella prototubercularis n. sp. **Noetting**, Fritz. Pal. Ind., Calcutta, (N. Ser.), **1**, (3), 1901, (1-378, with 25 pls.).

Scalaria nn. spp. **Noetting**, Fritz. Pal. Ind., Calcutta, (N. Ser.), **1**, (3), 1901, (1-378, with 25 pls.).

Semicassis protojaponica n. sp. **Noetting**, Fritz. Pal. Ind., Calcutta, (N. Ser.), **1**, (3), 1901, (1-378, with 25 pls.).

Solarium nn. spp. **Noetting**, Fritz. Pal. Ind., Calcutta, (N. Ser.), **1**, (3), 1901, (1-378, with 25 pls.).

Strioterebrum nn. spp. **Noetting**, Fritz. Pal. Ind., Calcutta, (N. Ser.), **1**, (3), 1901, (1-378, with 25 pls.).

Terebrum protoduplicatum n. sp. **Noetting**, Fritz. Pal. Ind., Calcutta, (N. Ser.), **1**, (3), 1901, (1-378, with 25 pls.).

Triton nn. spp. **Noetting**, Fritz. Pal. Ind., Calcutta, (N. Ser.), **1**, (3), 1901, (1-378, with 25 pls.).

Turritella nn. spp. **Noetting**, Fritz. Pal. Ind., Calcutta, (N. Ser.), **1**, (3), 1901, (1-378, with 25 pls.).

Tympanotomus lignitarum Eichn. **Dollfus**, G. et Deutzenberg Ph. J. Conchyliol., Paris, **49**, 1901, (33-34).

Voluta ringens n. sp. **Noetting**, Fritz. Pal. Ind., Calcutta, (N. Ser.), **1**, (3), 1901, (1-378, with 25 pls.).

Xenophora birmanica n. sp. **Noetting**, Fritz. Pal. Ind., Calcutta, (N. Ser.), **1**, (3), 1901, (1-378, with 25 pls.).

2231.95 PLEISTOCENE AND RECENT.

Helix banatica (= *Canthensis* Beyr). **Wust**, Ewald. Zs. Natw., Stuttgart, **74**, 1901, (72-76).

Planorbis stroemii West. **Kennard**, A. S. and Woodward, B. B. London, Proc. Malacol. Soc., **4**, (6), 1901, (236).

Pyramidula shimekii n. n. for P. *cockerelli* Pils. and *Zonites shimekii* Pils. **Shimek**, B. Iowa City, Iowa, Bull. Univ. Lab. Nat. Hist., **5**, (N. Ser.), No. 21, 1901, (139-145).

Lamellibranchiata.

2231.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Aucella. **Pavlov**, Aleksěj Petrovič. St. Pétersbourg, Dnevn. XI Sjezda, russ. jest. vrač., 1901, (298-299).

Cardium subsociale n. sp. **Blanckenhorn**, Max. Berlin, Zs. D. geol. Ges., **53**, 1901, Aufsätze, (53-132, 307-502, mit 4 Taf.).

Cytherea nn. spp. **Blanckenhorn**, Max. Berlin, Zs. D. geol. Ges., **53**, 1901, Aufsätze, (52-132, 307-502, mit 4 Taf.).

Ostrea hyotiformis n. sp. **Philippi**, Emil. Berlin, Zs. D. geol. Ges., **53**, 1901, Aufsätze, (304-306).

Pecten nn. spp. **Blanckenhorn**, Max. Berlin, Zs. D. geol. Ges., **53**, 1901, Aufsätze, (52-132, 307-502, mit 4 Taf.).

Pecten werthii, n. sp. **Philippi**, Emil. Berlin, Zs. D. geol. Ges., **53**, 1901, Aufsätze, (304-306).

Pseudomonotis waageni. **Salomon**, Wilhelm. Berlin, Zs. D. geol. Ges., **53**, 1901, briefl. Mitt., (23).

2231.50 LOWER PALAEOZOIC.

Tellinomya (or *Nucula*) nn. spp. **Sardeson**, F. W. Minneapolis, Bull. Minn. Acad. Nat. Sci., **3**, 1901, (326-343, with pl.).

2231.55 UPPER PALAEOZOIC.

Amnigenia. **Clarke**, John M[ason]. Paleontologic Papers by Ruedemann, Clarke and Wood.

Avicula (*Actinopteria*) *polenovi* n. sp. **Peets**, Trav. sect. géol. Cab. S. M. I., St. Peterburg, **4**, 1901, (1-387).

Aviculopecten nn. spp. **Fliegel**, G. Palaeontographica, Stuttgart, **48**, 1901, (91-136, mit 3 Taf.).

Buchiola semiimpressa n. sp. **Drevermann**, Fritz. Marburg [Druck v. A. W. Schade, Berlin], 1901, (111).

Conocardium benhauseni n. sp. **Drevermann**, Fritz. Marburg [Druck v. A. W. Schade, Berlin], 1901, (111).

Cypriocardites nn. spp. **Sardeson**, F. W. Minneapolis, Bull. Minn. Acad. Nat. Sci., **3**, 1901, (326-343, with pl.).

Leiopteria grandis; *L. longirostris*. **Hind**, W. London, Monogr. Palaeont. Soc., **55**, 1901, (19).

Lithophaga minuta n. sp. **Weller**, Stuart. St. Louis, Mo., Trans. Acad. Sci., **11**, 1901, (147-214, with pl.). [Separate.] 24.5 cm.

Mya. **Jensen**, Adolf. **Severin**. Kjöbenhavn, Nath. Medd., (Ser. 6), **2**, 1900, 1901, (133-158).

Myalina excentrica n. sp. **Drevermann**, Fritz. Marburg [Druck v. A. W. Schade, Berlin, 1901, (111).

—— *hausmanni*. **Ammon**, Ludwig von. Geogn. Jahreshfte, München, **13**, (1900), 1901, (149-193).

Pinna richthofeni n. sp. **Fliegel**, G. Palaeontographica, Stuttgart, **48**, 1901, (91-136, mit 3 Taf.).

Posidonomya concinna; *P. subovata*. **Jones**, T. R. Geol. Mag. London, (Ser. 2), **8**, [4], 1901, (435).

—— *radiata*. **Hind**, W. London, Monogr. Palaeont. Soc., **55**, 1901, (31).

Schizodus schlothheimi. **Ammon**, Ludwig von. Geogn. Jahreshfte, München, **13**, (1900), 1901, (149-193).

Tellinomya (or *Nucula*) nn. spp. **Sardeson**, F. W. Minneapolis, Bull. Minn. Acad. Nat. Sci., **3**, 1901, (326-343, with pl.).

Teredina opalina n. sp. **Gürich**, G[eorg]. N. Jahrb. Min., Stuttgart, Beilagebd., **14**, 1901, (484-518, mit 2 Taf.).

2231.70 JURASSIC.

Aucella. **Pompeckj**, J[os.] F[elix].
N. Jahrb. Min., Stuttgart, 1901, 1, (18-36, mit 1 Taf.).

——— **Pompeckj**, J[os.] F[elix].
N. Jahrb. Min. Stuttgart, Beilagebd. 14, 1901, (319-368, mit 3 Taf.).

Avicula capellini n. sp.
Böhm, Joh. Berlin, Zs. D. geol. Ges., 53, 1901, Aufsätze, (211-252, mit 3 Taf.).

Böhmia, n. nom. for *Ephyra*.
Cossmann, M. Rev. crit. paléozool., Paris, 5, 1901, (58, 123-124, 220).

Ctenostreon pectiformis,
Schlotheim. **Etheridge** Jr., R[obert].
Sydney, Rec. Austr. Mus., 4, 1901, (13-16, pl. 3).

——— *praecursor* n. nom.
(= *Pecten vagans* Goldf.). **Schlosser**,
Max. Berlin, Zs. D. geol. Ges., 53, 1901, Aufsätze, (573-569, mit 1 Taf.).

Cypricardia quenstedti n. sp. (= *Venus pumila*, Quenst (non Goldf.)). **Schlosser**, Max. Berlin, Zs. D. geol. Ges. 53, 1901, Aufsätze, (513-569, mit 1 Taf.).

Dimyodon unguatus n. sp.
Böhm, Joh. Berlin, Zs. D. geol. Ges., 53, 1901, Aufsätze, (211-252, mit 3 Taf.).

Gervilleia ventrosa n. sp.
Böhm, Joh. Berlin, Zs. D. geol. Ges., 53, 1901, Aufsätze, (211-252, mit 3 Taf.).

Harpax meridionalis n. sp.
Böhm, Joh. Berlin, Zs. D. geol. Ges., 53, 1901, Aufsätze, (211-252, mit 3 Taf.).

Homomya cuneata n. sp.
Böhm, Joh. Berlin, Zs. D. geol. Ges., 53, 1901, Aufsätze, (211-252, mit 3 Taf.).

Isocyprina seebachi nn. spp.
Böhm, Jos. Berlin, Zs. D. geol. Ges., 53, 1901, Aufsätze, (211-252, mit 3 Taf.).

Lucina münsteri n. nom.
= *Venus antiqua* Münst. **Schlosser**,
Max. Berlin, Zs. D. geol. Ges., 53, 1901, Aufsätze, (513-569, mit 1 Taf.).

Modiola lusitanica n. sp.
Böhm, Joh. Berlin, Zs. D. geol. Ges., 53, 1901, Aufsätze, (211-252, mit 3 Taf.).

Nuculana (*Leda*) *tatei*.
Newton, E. T. London, Q. J. Geol. Soc., 57, 1901, (234).

Pecten. **Ammon**, Ludwig von.
In Gotfr. Merzbacher, Aus den Hochregionen des Kaukasus, Leipzig, 1901, 2, (719-807, mit Taf.).

Protocardia choffati n. sp.
Böhm, Joh. Berlin, Zs. D. geol. Ges., 53, 1901, Aufsätze, (211-252, mit 3 Taf.).

Pteroperna camoënsi n. sp.
Böhm, Joh. Berlin, Zs. D. geol. Ges., 53, 1901, Aufsätze, (211-252, mit 3 Taf.).

Tancredia partita n. sp. **Böhm**,
Joh. Berlin, Zs. D. geol. Ges., 53, 1901, Aufsätze, (211-252, mit 3 Taf.).

——— *peachi*. **Newton**, E. T.
London, Q. J. Geol. Soc., 57, 1901, (236).

Unicardium nn. spp. **Böhm**,
Joh. Berlin, Zs. D. geol. Ges., 53, 1901, Aufsätze, (211-252, mit 3 Taf.).

2231.75 CRETACEOUS.

Caprina. **Paquier**, Victor. Ann.
Univ., Grenoble. Paris, 13, 1901, (422-425).

——— [et *Pachytraga*] dans
l'Urgonien. . . **Paquier**, Victor. Paris,
C.-R. Acad. sci., 132, 1901, (229-231).

Corbis franchii n. sp. **Schnarrenberger**,
Carl. Freiburg i. B., Ber. natf. Ges., 11, 1901, (176-214, mit 4 Taf.).

Hippurites. **Toucas**, Aristide.
Paris, Bul. soc. géol. (Sér. 4), 1, 1901, (154-155, 227-228).

Lima aquilensis n. sp.
Schnarrenberger, Carl. Freiburg i. B.,
Ber. natf. Ges., 11, 1901, (176-214, mit 4 Taf.).

Ostrea joannae **Choffat**.
Virgilio, Francesco. Roma, Boll. Soc.
geol. ital., 20, 1901, (XXXI — XXXII).

Radiolites cordiformis n. sp.
Schnarrenberger, Carl. Freiburg i. B.,
Ber. natf. Ges., 11, 1901, (176-214, mit 4 Taf.).

Rudista. **Paquier**, Victor. Paris,
Bul. soc. géol. (sér. 4), 1, 1901, (286-287).

——— **Parona**, Carlo. Torino,
Mem. Acc. sc., (Ser. II), 50, 1901, (1-23, con tav.).

Spardylus serratus. **Woods**,
H. London, Monogr. Palaeont. Soc.,
55, 1901, (124).

Toucasia steinmanni n. sp.
Schnarrenberger, Carl. Freiburg i. B.,
Ber. natf. Ges., 11, 1901, (176-214, mit
4 Taf.).

Unio n. sp. **Whiteaves**, J. F.
Ottawa Nat., 14, 1901, (177-179).

2231.85 LOWER CAENOZOIC. (EOCENE, OLIGOCENE.)

Arca capulopsis, n. sp.
Pritchard, G. B. Melbourne, Proc. R.
Soc. Vict. (N. Ser.), 14, 1901, (23, pl. II).

Cardita striatissima. **Dollfus**,
Gustave. Paris, Bul. soc. géol., (sér. 4),
1, 1901, (273-274).

Carditella regularis, n. sp.
Pritchard, G. B. Melbourne, Proc. R.
Soc. Vict., (N. Ser.), 14, 1901, (28-29,
pl. II).

Leda nn. spp. **Pritchard**, G. B.
Melbourne, Proc. R. Soc. Vict., (N. Ser.),
14, 1901, (27-28, pl. III).

Limopsis morningtonensis,
n. sp. **Pritchard**, G. B. Melbourne,
Proc. R. Soc. Vict., (N. Ser.), 14, 1901,
(24, pl. II).

Lucina nn. spp. **Deninger**, Karl.
Geogn. Jahreshfte, München, 14, 1901,
(231-245, mit 2 Taf.).

—— *megameris*. **Dall**,
William] H[ealy]. Nautilus, Phila-
delphia, Pa., 15, 1901, (40-42).

Modiola nn. spp. **Pritchard**, G.
B. Melbourne, Proc. R. Soc. Vict.,
(N. Ser.), 14, 1901, (25-26, pl. II).

Modiolaria balcombei n. sp.
Pritchard, G. B. Melbourne, Proc. R.
Soc. Vict., (N. Ser.), 14, 1901, (29-30,
pl. III).

Ostrea hyotis, Linn. **Pritchard**,
G. B. Melbourne, Proc. R. Soc. Vict.,
(N. Ser.), 14, 1901, (22).

Pectunculus subalpinus n.
sp. **Deninger**, Karl. Geogn. Jahresh-
fte, München, 14, 1901, (221-245, mit
2 Taf.).

Pecten telleri n. sp. **Deninger**,
Karl. Geogn. Jahreshfte, München,
14, 1901, (221-245, mit 2 Taf.).

Unio aff. *flabellatus* (Goldf.) n.
sp. **Zindorf**, Jacob. Offenbach, Ber.
Nat., 37, 42, 1901, (87-146, mit 4 Taf.).

Verticordia excavata n. sp.
Pritchard, G. B. Melbourne, Proc. R.
Soc. Vict., (N. Ser.), 14, 1901, (30-31).

2231.90 UPPER CAENOZOIC. (MIOCENE, PLIOCENE.)

Arca (*Anomalocardia*) nn. spp.
Noetling, Fritz. Pal. Ind., Calcutta,
(N. Ser.), 1, (3), 1901, (1-378, with 25
pls.).

Avicula suessiana n. sp.
Noetling, Fritz. Pal. Ind., Calcutta,
(N. Ser.), 1, (3), 1901, (1-378, with 25
pls.).

Cardita nn. spp. **Noetling**,
Fritz. Pal. Ind., Calcutta, (N. Ser.), 1,
(3), 1901, (1-378, with pls.).

Cardium nn. spp. **Noetling**,
Fritz. Pal. Ind., Calcutta, (N. Ser.), 1,
(3), 1901, (1-378, with 25 pls.).

Corbula prototruncata n. sp.
Noetling, Fritz. Pal. Ind. Calcutta,
(N. Ser.), 1, (3), 1901, (1-378, with 25
pls.).

Crassatella dieneri n. sp.
Noetling, Fritz. Pal. Ind., Cal-
cutta, (N. Ser.), 1, (3), 1901, (1-378,
with 25 pls.).

Cucullaea protoconcomerata
n. sp. Burma. **Noetling**, Fritz. Pal.
Ind., Calcutta, (N. Ser.), 1, (3), 1901,
(1-378, with 25 pls.).

Cypriocardites nn. spp. **Sardeson**,
F. W. Minneapolis, Bull. Minn. Acad.
Nat. Sci., 3, 1901, (326-343, with pl.).

Cyrena (*Batissa*) *kodoun-
gensis* n. sp. **Noetling**, Fritz. Pal.
Ind., Calcutta, (N. Ser.), 1, (3), 1901,
(1-378, with 25 pls.).

Cytherea yomaënsis n. sp.
Noetling, Fritz. Pal. Ind., Cal-
cutta (N. Ser.), 1, (3), 1901, (1-378,
with 25 pls.).

Dione nn. spp. **Noetling**, Fritz.
Pal. Ind., Calcutta, (N. Ser.), 1,
(3), 1901, (1-378, with 25 pls.).

Dosinia protojuvenilis n. sp.
Noetling, Fritz. Pal. Ind., Cal-
cutta, (N. Ser.), 1, (3), 1901, (1-378,
with 25 pls.).

Gari. nn. spp. **Noetting**, Fritz. Pal. Ind., Calcutta, (N. Ser.), 1, (3) 1901, (1-378, with 25 pls.).

Hiatula textilis n. sp. **Noetting**, Fritz. Pal. Ind., Calcutta, (N. Ser.), 1, (3), 1901, (1-378, with 25 pls.).

Leda nn. spp. **Noetting**, Fritz. Pal. Ind., Calcutta, (N. Ser.), 1, (3), 1901, (1-378, with 25 pls.).

Lima nn. spp. **Noetting**, Fritz. Pal. Ind., Calcutta, (N. Ser.), 1, (3), 1901, (1-378, with 25 pls.).

Lucina nn. spp. **Noetting**, Fritz. Pal. Ind., Calcutta, (N. Ser.), 1, 3, 1901, (1-378, with 25 pls.).

Maetra protoreevesii n. sp. **Noetting**, Fritz. Pal. Ind., Calcutta, (N. Ser.), 1, (3), 1901, (1-378, with 25 pls.).

Meiocardia nn. spp. **Noetting**, Fritz. Pal. Ind., Calcutta, (N. Ser.), 1, 1901, (1-378, with 25 pls.).

Modiola nn. spp. **Noetting**, Fritz. Pal. Ind., Calcutta, (N. Ser.), 1, (3), 1901, (1-378, with 25 pls.).

Nucula phayrciana n. sp. **Noetting**, Fritz. Pal. Ind., Calcutta, (N. Ser.), 1, (3), 1901, (1-378, with 25 pls.).

Ostrea nn. spp. **Noetting**, Fritz. Pal. Ind., Calcutta, (N. Ser.), 1, (3), 1901, (1-378, with 25 pls.).

— *edulis* var. *ungulata*. **Dallus**, Gustave. Paris, Bul. soc. géol., (ser. 4), 1, 1901, (288).

Parallelipipedum protortuosum n. sp. **Noetting**, Fritz. Pal. Ind., Calcutta, (N. Ser.), 1, (3), 1901, (1-378, with 25 pls.).

Pecten nn. spp. **Noetting**, Fritz. Pal. Ind., Calcutta, (N. Ser.), 1, (3), 1-378, with 25 pls.).

— (*Lyropecten*) *dilleri* n. sp. **Dall**, [William] H[ealy]. Nautilus, Philadelphia, Pa., 14, 1901, (117-118).

Pholas blanfordianus n. sp. **Noetting**, Fritz. Pal. Ind., Calcutta, (N. Ser.), 1, (3), 1901, (1-378, with 25 pls.).

Petricola incerta n. sp. **Noetting**, Fritz. Pal. Ind., Calcutta, (N. Ser.), 1, (3), 1901, (1-378, with 25 pls.).

Solecurtus exsulcatus n. sp. **Noetting**, Fritz. Pal. Ind., Calcutta, (N. Ser.), 1, (3), 1901, (1-378, with 25 pls.).

Tapes protolirata n. sp. **Noetting**, Fritz. Pal. Ind., Calcutta, (N. Ser.), 1, (3), 1901, (1-378, with 25 pls.).

Tellina nn. spp. **Noetting**, Fritz. Pal. Ind., Calcutta, (N. Ser.), 1, (3), 1901, (1-378, with 25 pls.).

— basedowi. **Basedow**, H. Adelaide, S. Aust., Trans. R. Soc., 25, 1901, (145-148, with pl.).

Venus protoflexuosa n. sp. **Noetting**, Fritz. Pal. Ind., Calcutta, (N. Ser.), 1, (3), 1901, (1-378, with 25 pls.).

Vulsella lingua tigris n. sp. **Noetting**, Fritz. Pal. Ind., Calcutta, (N. Ser.), 1, (3), 1901, (1-378, with 25 pls.).

2231.95 PLEISTOCENE AND RECENT.

Cardium edule. **Gönnitz**, E[ugen]. Güstrow, Arch. Ver. Natg., 55, 1901, (165-166).

Scaphopoda.

2231.90 UPPER CAENOZOIC. (MIOCENE, PLIOCENE.)

Dentalium boettgeri n. sp. **Noetting**, Fritz. Pal. Ind., Calcutta, (N. Ser.), 1, (3), 1901, (1-378, with 25 pls.).

2431 ARTHROPODA, INCLUDING INSECTA.

2431.55 UPPER PALAEOZOIC.

Fouquea cambrensis. **Allen**, H. A. Geol. Mag., London, (Ser. 2), 8, [4], 1901, (66).

2431.90 UPPER CAENOZOIC. (MIOCENE, PLIOCENE.)

Pentatoma kinkelini n. sp. **Breddin**, G. Frankfurt a. m., Ber. Senckenb. Ges., 1901, Wiss. Abh., (111-118).

2631 CRUSTACEA.

2631.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Pollicipes. **Bather**, F. A. Science, New York, N.Y., (N. Ser.), 14, 1901, (112); Geol. Mag., London, (Ser. 4), 8, 1901, (521-522).

Scalpellum. **Bather**, F. A. Science, New York, N.Y., (N. Ser.), 14, 1901, (112); Geol. Mag., London, (Ser. 4), 8, 1901, (521-522).

2631.50 LOWER PALAEOZOIC.

Leperditia . . . **Bonnema**, J[an] H[aitez]. Amsterdam, Proc. Sci. K. Akad. Wet., 3, 1901, (137-140, 545-599) (English). Amsterdam, Versl. Wis. Nat. Afd. K. Akad. Wet., 9, 1901, (138-140, 376-379) (Dutch).

Turrilepas ketleyanus (ex Salter MS.). **Reed**, F. N. C., Geol. Mag., London, (Ser. 2), 8, [4], 1901, (108).

2631.55 UPPER PALAEOZOIC.

Beyrichia kirkbyana n. sp. **Jones**, T. Rupert. Geol. Mag., London, (Ser. 2), 8, [4], 1901, (433-435, with pl.).

— *muldensis*; *B. tuberculata* (Kloed) var. *lineato-tuberculata*. **Jones**, T. R. Ann. Mag. Nat. Hist., (Ser. 7), 7, 1901, (150-151).

Kloedenia gotlandica. **Jones**, T. R. Ann. Mag. Nat. Hist., (Ser. 7), 7, 1901, (149).

Leperditia nn. spp. **Petsz**, St. Petersburg, Trav. sect. géol. Cab., S. M. I., 4, 1901, (1-387).

2631.65 TRIASSIC.

Estheria. **Lomas**, J. Liverpool, Proc. Geol. Soc., 9, (1), 1901, (75-80, pl.).

— *anomala*. **Jones**, T. R. Geol. Mag., London, (Ser. 2), 8, [4], 1901, (352).

2631.70 JURASSIC.

Eryma nn. spp. **Méchin**, A. Nancy, Bul. soc. sci., (ser. 3), 2, 1901, (73-84, av. fig. et pl.)

Estheria. . . . **Jones**, T. Rupert. Geol. Mag., London, (Ser. 4), 8, 1901, (350-354, with 4 fig.).

Pollicipes [?] *lotharingicus* n. sp. **Méchin**, A. Nancy, Bul. soc. sci., (ser. 3), 2, 1901, (15-17, av. 1 pl.).

2631.75 CRETACEOUS.

Brachylepas [n. gen.] *cretacea*. **Woodward**, H. Geol. Mag., London, (Ser. 2), 8, [4], 1901, (150, 528).

Dromiopsis birleyae: *D. coplandae*. **Woodward**, H. Geol. Mag., London, (Ser. 2), 8, [4], 1901, (498).

Pyrgoma *cretacea* from the upper chalk of Norwich. **Woodward**, Henry. Geol. Mag., London, (Ser. 2), 8, [4], 1901, (145-152 and 240, with pl., figs.).

2631.85 LOWER CAENOZOIC. (EOCENE, OLIGOCENE.)

Bairdia beadnelli; *B. minuta*. **Chapman**, F. Geol. Mag., London, (Ser. 2), 9, [4], 1901, (66).

Cythere farafrensis. **Chapman**, F. Geol. Mag., London, (Ser. 2), 9, [4], 1901, (66).

2631.90 UPPER CAENOZOIC. (MIOCENE, PLIOCENE.)

Calappa protopustulosa n. sp. **Noetling**, Fritz. Pal. Ind., Calcutta, (N. Ser.) 1, (3), 1901, (1-378, with 25 pls.).

Callianassa birmanica n. sp. **Noetling**, Fritz. Pal. Ind., Calcutta, (N. Ser.), 1, (3), 1901, (1-378, with 25 pls.).

Ebalia tuberculata n. sp. **Noetling**, Fritz. Pal. Ind., Calcutta, (N. Ser.), 1, (3), 1901, (1-378, with 25 pls.).

2631 TRILOBITA.

2631.50 LOWER PALAEOZOIC.

Cyphaspis spryi n. sp. **Gregory**, J. W. Melbourne, Proc. R. Soc. Vict., (N. Ser.), 13, 1901, (179-182, pl. xxii).

Encrinurus multiplicatus (ex Salter MS.) **Reed**, F. R. C. Geol. Mag., London, (Ser. 2), 8, [4], 1901, (107).

Lichas scutalis (ex Salter, MS.) **Reed**, F. R. C. Geol. Mag., London, (Ser. 2), 8, [4], 1901, (5).

Olenella (*Holmia*) *walcottanus* n. sp. **Wanner**, *Atreus*. Washington, D.C., Proc., Nation. Acad. Sci., 3, 1901, (267-272, with pl.).

Phacops (*Odontocheile*) *caudatus*, var. *corrugatus* (ex Salter MS.) **Reed**, F. R. C. Geol. Mag., London, (Ser. 2), 8, [4], 1901, (106).

Proetus fletcheri (ex Salter, MS.) **Reed**, F. R. C. Geol. Mag., London, (Ser. 2), 8, [4], 1901, (11).

Strabops thacheri n. gen. et n. sp. **Beecher**, C[harles] Emerson. Amer. J. Sci., New Haven, Conn., (Ser. 4), 12, 1901, (364-366, with 1 pl.).

2831.55 UPPER PALAEOZOIC.

Belinurus Kiltorkensis. **Cole**, Grenville A. J. Geol. Mag., London, (Ser. 2), 8, [4], 1901, (52-54, with fig.).

Bronteus elegans n. sp. **Fests**. St. Petersburg, Trav. Sect. géol. Cab. S. M. I., 4, 1901, (1-387).

Craspedarges n. subgen., *C. wilcanniae* n. sp. [genus *Lichas*] **Gürich**, G[eorg]. N. Jahrb. Min., Stuttgart, Beilagebd., 14, 1901, (519-539, mit 2 Taf.).

Griffithides longiceps **Portlock** var. *angusta*. **Woodward**, H. Geol. Mag., London, (Ser. 2), 8, [4], 1901, (154).

Phacops nn. spp. **Drevermann**, Fritz. Marburg [Druck v. A. W. Schade, Berlin], 1901, (111).

Prestwichia rotundata. **Baldwin**, W. Manchester, Trans. Geol. Soc., 77, (6), 1901, (149-155).

Proetus? *carintiacus*; *Pr. dillensis*, n. spp. **Drevermann**, Fritz. Marburg, [Druck v. A. W. Schade, Berlin], 1901, (111).

3031 ARACHNIDA.

3031.55 UPPER PALAEOZOIC.

Anthrocomartus. **Ammon**, Ludwig von. Geogn. Jahreshfte, München, 13 (1900), 1901, (1-6).

Eotrogulus fayoli n. sp. **Thévenin**, A. Paris, Bul. soc. géol., (ser. 4), 1, 1901, (605-612, av. 1 pl.).

Nemastomoides elaveris n. sp. **Thévenin**, A. Paris, Bul. soc. géol., (ser. 4), 1, 1901, (605-612, av. 1 pl.).

3031.95 PLEISTOCENE AND RECENT.

Nothrus maximus n. sp. **Trägårdh**, Ivar. Zool. Anz., Leipzig, 24, 1901, (25-29).

5431 PISCES.

5431.55 UPPER PALAEOZOIC.

Acanthodes striatus. **Wellburn**, E. D. Geol. Mag., London, (Ser. 2), 8, [4], 1901, (219).

Cladodus unicuspidatus. **Traquair**, R. H. Geol. Mag., London, (Ser. 2), 8, [4], 1901, (112).

Coelacanthopsis [n. gen.] *curta*. **Traquair**, R. H. Geol. Mag., London, (Ser. 2), 8, [4], 1901, (113).

Eucentrurus [n. gen.] *paradoxus*. **Traquair**, R. H. Geol. Mag., London, (Ser. 2), 8, [4], 1901, (114).

Euctenodopsis [n. gen.] *tenuis*. **Wellburn**, E. D. Geol. Mag., London, (Ser. 2), 8, [4], 1901, (220).

Palaeoniscus magnus. **Ammon**, Ludwig von. Geogn. Jahreshfte, München, 13 (1900), 1901, (149-193).

Psephodus minutus. **Wellburn**, E. D. Geol. Mag., London, (Ser. 2), 8, [4], 1901, (218).

Sphenacanthus fifensis. **Traquair**, R. H. Geol. Mag., London, (Ser. 2), 8, [4], 1901, (113).

5431.70 JURASSIC.

Aletodus n. gen. ferrugineus Ries (= *Ischyodus* ferrug., Ries). **Gürlich**, G[eorg]. N. Jahrb. Min., Stuttgart, beilagebd, 14, 1901, (540-564, mit 4 Taf.).

Coelacanthus. **Wellburn**, Edgar [Duesbury]. Geol. Mag., London, (Ser. 2), 8, [4], 1901, (71-72).

Lycoptera sinensis. **Woodward**, A. S. Cat. Foss. Fish. B. M., IV, 1901, (3).

Mesodon nn. spp. **Sauvage**, H. E. Paris, Bul. soc. géol., (sér. 4), 1, 1901, (542-550, av. pl.).

5431.75 CRETACEOUS.

Acrogaster daviesi (Davis); *A. heckeli* (Pict.). **Woodward**, A. S. Cat. Foss. Fish. B. M., 4, 1901, (390).

Acrognathus libanicus. **Woodward**, A. S. Cat. Foss. Fish. B. M., 4, 1901, (244).

Aipichthys minor (Pict.); *A. nuchalis*; *A. velifer*. **Woodward**, A. S. Cat. Foss. Fish. B. M., 4, 1901, (428, 429, 427).

Apateodus type *Pachyrhizodus glyphodus*, (Blake); *A. glyphodus* (Blake); *A. lanceolatus*; *A. striatus*. **Woodward**, A. S. Cat. Foss. Fish. B. M., 4, 1901, (258, 264, 260).

Charitosomus lineolatus (P. and H.); *C. major*. **Woodward**, A. S. Cat. Foss. Fish. B. M., 4, 1901, (274, 272).

Chirothrix guestfalicus (Schl.). **Woodward**, A. S. Cat. Foss. Fish. B. M., 4, 1901, (283).

Dinopteryx [type *Hoploteryx spinosus* Davis] *spinosus* (Davis). **Woodward**, A. S. Cat. Foss. Fish. B. M., 4, 1901, (406, 407).

Enchelurus anglicus; *E. syriacus*. **Woodward**, A. S. Cat. Foss. Fish. B. M., 4, 1901, (167, 165).

Enchodus annectens; *E. gracilis* (v. d. Marck); *E. longidens* (Pict.); *E. macropterus* (v. d. Marck); *E. major* (Davis); *E. pulchellus*. **Woodward**, A. S. Cat. Foss. Fish. B. M., 4, 1901, (195, 201, 199, 202, 200).

Eurypholis freyeri (Heck.). **Woodward**, A. S. Cat. Foss. Fish. B. M., 4, 1901, (210).

Halec eupterygnis (Dix.); *H. haueri* (Bass.); *H. microlepis* (Davis). **Woodward**, A. S. Cat. Foss. Fish. B. M., 4, 1901, (213, 219, 218).

Histiothriassa [type *Sardinus macrodactylus*, v. d. Marck] *crassapinnea* (Davis); *H. macrodactyla* (v. d. Marck). **Woodward**, A. S. Cat. Foss. Fish. B. M., 4, 1901, (131, 132).

Hoploteryx lewisi (Davis); *H. stachei* (Kram.). **Woodward**, A. S. Cat. Foss. Fish. B. M., 4, 1901, (404, 406).

Ichthyodectes serridens; *I. tenuidens*. **Woodward**, A. S. Cat. Foss. Fish. B. M., 4, 1901, (101, 104).

Leptosomus minimus (Hg.). **Woodward**, A. S. Cat. Foss. Fish., B. M., 4, 1901, (246).

Microcoelia libanica. **Woodward**, A. S. Cat. Foss. Fish. B. M., 4, 1901, (252).

Notelops brama [type *Phacolepis brama* Ag.]. **Woodward**, A. S. Cat. Foss. Fish. B. M., 4, 1901, (27).

Omosoma intermedium; *O. pulchellum* (Davis). **Woodward**, A. S. Cat. Foss. Fish. B. M., 4, 1901, (420, 421).

Osmeroides levis. **Woodward**, A. S. Cat. Foss. Fish. B. M., 4, 1901, (15).

Pachyrhizodus dibleyi. **Woodward**, A. S. Cat. Foss. Fish. B. M., 4, 1901, (38).

Paranguilla tigrina (Ag.). **Woodward**, A. S. Cat. Foss. Fish. B. M., 4, 1901, (343).

Pelecorapis microlepis n. sp. **Crugin**, Francis W[hittlemore]. Colorado Springs, Stud. Colo. Coll. Sci. Soc., 9, 1901.

Protaulopsis bolcensis; [type] **Woodward**, A. S. Cat. Foss. Fish. B. M., IV, 1901, (371).

Pycnodontida. **Leriche**, Lille, Ann. soc. géol., 30, 1901, (161-165).

Sardinoides attenuatus; *S. pusillus*. **Woodward**, A. S. Cat. Foss. Fish. B. M., 4, 1901, (241, 240).

Syllaemus anglicus (Dix).
Woodward, A. S. Cat. Foss. Fish. B. M.,
4, 1901, (351).

Thrissopater magnus; *T. megalops*. Woodward, A. S. Cat. Foss. Fish. B. M., 4, 1901, (33, 35).

Urenchelys avus; *U. hake-lensis* (Davis). Woodward, A. S. Cat. Foss. Fish. B. M., 4, 1901, (337, 338).

**5431.85 LOWER CAENOZOIC.
(EOCENE OLIGOCENE.)**

Acanus regleysianus (Bl.);
A. spinosus (B. C.). Woodward,
A. S. Cat. Foss. Fish. B. M., 4, 1901,
(501, 500).

Acestrus ornatus (ex Ag.).
Woodward, A. S. Cat. Foss. Fish.
B. M., 4, 1901, (494).

Albula oweni (Owen). Wood-
ward, A. S. Cat. Foss. Fish. B. M., 4,
1901, (60).

Amia robusta n. sp. Priem, F.
Paris, Bul. soc., géol., (sér. 4), 1, 1901,
(477-504).

Anguilla leptoptera (ex Ag.).
Woodward, A. S. Cat. Foss. Fish.
B. M., 4, 1901, (344).

Atherina macrocephala (ex
Ag.). Woodward, A. S. Cat. Foss.
Fish. B. M., 4, 1901, (359).

Aulorhynchus sumatrensis
v. d. Marck). Woodward, A. S. Cat.
Foss. Fish. B. M., 4, 1901, (373).

Auxis propterygius (Ag.).
Woodward, A. S. Cat. Foss. Fish.
B. M., 4, 1901, (464).

Brychaetus muelleri (ex
Ag.). [type.] Woodward, A. S. Cat.
Foss. Fish. B. M., 4, 1901, (76).

Carangopsis brevis (Bl.).
Woodward, A. S. Cat. Foss. Fish.
B. M., 4, 1901, (446).

Chanoides macropoma (Ag.).
Woodward, A. S. Cat. Foss. Fish.
B. M., 4, 1901, (63).

Clupea catopygoptera. Wood-
ward, A. S. Cat. Foss. Fish. B. M.,
4, 1901, (148).

Cybius bartonense; *C. ex-celsum*. Woodward, A. S. Cat.
Foss. Fish. B. M., 4, 1901, (467).

(K-4169)

Cyclopoma micracanthum
(Ag.). Woodward, A. S. Cat. Foss.
Fish. B. M., 4, 1901, (504).

Eocoelopoma [type *Coelopoma*
colei Ag] *colei* (ex Ag.); Wood-
ward, A. S. Cat. Foss. Fish. B. M., 4,
1901, (470).

Eocottus [type *Gobius ver-*
ensis Volta] *verniensis* (Volta).
Woodward, A. S. Cat. Foss. Fish.
B. M., 4, 1901, (580-581).

Eomyrus latispinus (Ag.).
Woodward, A. S. Cat. Foss. Fish.
B. M., 4, 1901, (340).

Eothynnus [type *Coelo-*
cephalus salmonens Ag. nomen
nudum] *salmonens* (ex Ag.).
Woodward, A. S. Cat. Foss. Fish.
B. M., 4, 1901, (457).

Ehippus rhombus (Bl.).
Woodward, A. S. Cat. Foss. Fish.
B. M., 4, 1901, (559).

Ehippites peissenber-
gensis, n. gen. and n. sp. Ammon,
Ludwig von. Geogn. Jahreshfte,
München, 13, (1900), 1901, (55-69, mit
2 Taf.).

Esocelops cavifrons (Ag.).
Woodward, A. S. Cat. Foss. Fish.
B. M., 4, 1901, (46).

Fistularia longirostris
(Bl.). Woodward, A. S. Cat. Foss.
Fish. B. M., 4, 1901, (375).

Halecopsis (ex Ag.) [type *Oa-*
meroides insignis Delv.
Ortl.] *insignis*. Woodward, A. S.
Cat. Foss. Fish. B. M., 4, 1901, (133-
134).

Hexapsephus guentheri.
Woodward, A. S. Cat. Foss. Fish.
B. M., 4, 1901, (322).

Histiophorus eocenicus;
H. rotundus. Woodward, A. S.
Cat. Foss. Fish. B. M., 4, 1901, (495).

Isurichthys macrurus (Ag.);
I. orientalis. Woodward, A. S. Cat.
Foss. Fish. B. M., 4, 1901, (453).

Labrax ubinoid (F. de W.).
Woodward, A. S. Cat. Foss. Fish.
B. M., 4, 1901, (510).

Lepidocottus aries (Ag.).
L. papyraceus. Woodward, A. S.
Cat. Foss. Fish. B. M., 4, 1901, (582).

Lepidopus glarisianus (Bl.). Woodward, A. S. Cat. Foss. Fish. B. M., 4, 1901, (477).

Megalops oblongus; *Megalops priscus*. Woodward, A. S. Cat. Foss. Fish. B. M., 4, 1901, (28).

Mene oblongus (Ag.); *M. rhombus*. Woodward, A. S. Cat. Foss. Fish. B. M., 4, 1901, (440).

Nummopalatus vaillanti; *N. paucidens* n. spp. Priem, F. Paris, Bul. soc. géol., (ser. 4), 1, 1901, (477-504).

Rhamphognathus sphyreanoides (Ag.). Woodward, A. S. Cat. Foss. Fish. B. M., 4, 1901, (362).

Rhynchorhinus major. Woodward, A. S. Cat. Foss. Fish. B. M., 4, 1901, (343).

Scombramphodon benedeni [type *Amphodon benedeni* (Storms)] (Storms). *S. crassidens* (ex Ag.); *S. curvidens* (Storms). Woodward, A. S. Cat. Foss. Fish. B. M., 4, 1901, (474).

Scombrinus macropomus (Ag.). *S. micralis* [ex Ag. type]. Woodward, A. S. Cat. Foss. Fish. B. M., 4, 1901, (462).

Seriola analis (Ag.). Woodward, A. S. Cat. Foss. Fish. B. M., 4, 1901, (445).

Sparnodus bowerbanki (Ag.); *S. microstomus* (Ag.). Woodward, A. S. Cat. Foss. Fish. B. M., 4, 1901, (527).

Squatina gaudryi n. sp. Priem, F. Paris, Bul. soc. géol., (ser. 4), 1, 1901, (477-504).

Thynnichthys amblyostoma (v. d. Marck). Woodward, A. S. Cat. Foss. Fish. B. M., 4, 1901, (303).

Urosphen dubia (Bl.). Woodward, A. S. Cat. Foss. Fish. B. M., 4, 1901, (376).

Xiphiorhynchus priscus (Ag.). Woodward, A. S. Cat. Foss. Fish. B. M., 4, 1901, (491).

Labrax koeningensis. Woodward, A. S. Cat. Foss. Fish. B. M., 4, 1901, (511).

Labrodon canariensis (Cocchi); *L. superbus* (Cocchi). Woodward, A. S. Cat. Foss. Fish. B. M., 4, 1901, (542).

Lepidocottus brevis (Ag.); *L. multipinnatus* (Meyer). Woodward, A. S. Cat. Foss. Fish. B. M., 4, 1901, (582).

Leuciscus turneri n. sp. Lucas, Frederic A[ugustus]. Washington D.C. Smithsonian Inst., Nation. Mus. Proc., 23, 1901, (333-334).

Notidanus griseus Cuvier. Bassani, Francesco. Napoli, Rend. Acc. Sc., (Ser. 3), 7, 1901, (175-180, con fig.).

Notogoneus longiceps (Meyer) Woodward, A. S. Cat. Foss. Fish. B. M., 4, 1901, (278).

Oxyrhina pagoda n. sp. Noetting, Fritz. Pal. Ind., Calcutta, (N. Ser.), 1, (3), 1901, (1-378, with 25 pls.).

Pachylebias crassicaudus (Ag.). Woodward, A. S. Cat. Foss. Fish. B. M., 4, 1901, (295).

Palimphytes elongatus (Bl.). Woodward, A. S. Cat. Foss. Fish. B. M., 4, 1901, (460).

Prolebias brongniarti (Ag.). Woodward, A. S. Cat. Foss. Fish. B. M., 4, 1901, (293).

Properca prisca (Ag.). Woodward, A. S. Cat. Foss. Fish. B. M., 4, 1901, (516).

Sargus oranensis. Woodward, A. S. Cat. Foss. Fish. B. M., 4, 1901, (529).

Scopeloides glarisianus (Ag.). Woodward, A. S. Cat. Foss. Fish. B. M., 4, 1901, (255).

Tinca tarsiger (Frosch.). Woodward, A. S. Cat. Foss. Fish. B. M., 4, 1901, (315).

5431.90 UPPER CAENOZOIC. (MIOCENE, PLIOCENE.)

Aspius minutus. Woodward, A. S. Cat. Foss. Fish. B. M., 4, 1901, (318).

5631 REPTILIA AND BATRACHIA.

5631.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Dinosaurus . . . Synopsis
Abstammung. **Nopce** Jr., F.
Baron. Földt. Közl., Budapest, **31**, 1901,
193-224, mit 1 Taf.).

Rana meriani v. Meyer. **Welter-
storff**, W. Frankfurt a. M., Ber. Sen-
ckenb. Ges., 1901, Wiss. Abh., (39-44,
mit 1 Taf.).

Stegocephali. **Voeltzkow**, A[rthur]
und **Döderlein**, L[udwig]. Frankfurt a.
M., Abh. Senckenb. Ges. **26**, 1901, (313-
336, mit 2 Taf.).

Theromorpha. **Zittel**, [Karl A.].
Stuttgart (E. Schweizerbart), 1901.

5631.55 UPPER PALAEOZOIC.

Dicynodon. **Amalitsky**, V. Paris,
C.-R. Acad. sci., **132**, 1901, (591-593).

Pareiasaurus. **Amalitsky**, V.
Paris, C.-R. Acad. sci., **132**, 1901,
591-593).

5631.65 TRIASSIC.

Hyperodapedon gordonii . . .
[in association with Echinoderms].
Burckhardt, Rudolph. Geol. Mag., Lon-
don, (Ser. 2), **8**, [4], 1901, (3-4, with
fig.).

Labyrinthodon. **Fraas**, E[ber-
hard]. Stuttgart, Jahreshefte Ver. Natk.,
57, 1901, (318-320).

Placochelys n. sp. **Jaekel**, O[tto].
Berlin, Zs. D. geol. Ges., **53**, 1901,
Verhandl., (56-58).

Rhynchosaurus . . . in
association with Echinoderms]. **Burck-
hardt**, Rudolph. Geol. Mag., London,
(Ser. 2), **8**, [4], 1901, (3-4, with fig.).

5631.70 JURASSIC.

Compsognathus longipes
Wagn. Huene, F. von. N. Jahr. Min.,
Stuttgart, **1901**, **1**, (157-160, mit 1 Taf.).

Dinosaurus. **Riggs**, Elmer S. and
Farrington, Oliver Cummings. Chicago,
Ill., Pub. Field Columb. Mus., Geol.
Ser., **4**, 1901, (267-274, with pl.). Sepa-
rate. 25.5 cm.

Ichthyosaurus. **Keller**, Gustav.
Cassel (Th. G. Fisher u. Co.), 1901.
(K-4166)

Pelorosaurus. **Sauvage**, Emile.
C.-R. cong. soc. sav., Paris, 1901,
[Nancy], (157-159).

Plesiosaurus. . . . **Keller**,
Gustav. Cassel (Th. G. Fisher u. Co.),
1901.

Thalattosuchia n. gen. **Fraas**,
Eberhard. Stuttgart, Jahreshefte, Ver.
Natk., **57**, 1901, (409-418).

5631.75 CRETACEOUS.

Agathaumas. **Keller**, Gustav.
Cassel (Th. G. Fisher u. Co.), 1901.

Clydastes (?) lutugini n. sp.
Jakovlev, N. St. Petersburg, Bull. com.
géol., **20**, 1901, (507-516, rés. fr. 516-
518, av. 1 pl.).

Creosaurus (Marsh). **Williston**,
S[amuel] W[endell]. Amer. J. Sci.,
New Haven, Conn., (Ser. 4), **11**, 1901,
(111-114).

Dinilysia patagonica. **Wood-
ward**, A. S. London, Proc. Zool. Soc.,
1901, I (2), 1901, (176).

Genyodectes serus. **Wood-
ward**, A. S. London, Proc. Zool. Soc.,
1901, I (2), 1901, (179).

Porthochelys laticeps n. sp.
Williston, S. W. Topeka, Trans. Kan.
Acad. Sci., **17**, 1901, (195-199, with
pl.).

Stegosaurus marshi n. sp.
Lucas, Frederic Augustus. Washington,
D.C., Smithsonian Inst., Nation. Mus.
Proc., **23**, 1901, (591-592, with pl.).

Triceratops. **Keller**, Gustav.
Cassel (Th. G. Fisher u. Co.), 1901.

5631.85 LOWER CAENOZOIC. (EOCENE, OLIGOCENE.)

Cheirotherium herculis
(Egerton). . . . Type specimen.
Beasley, H. C. Liverpool, Proc. Geol.
Soc., **9**, (1), 1901, (81, with pl. v.).

Dicynodon. **Broom**, Robert.
Cape Town, S. Africa, Phil. Soc., **11**,
1901, (169-176, with pl.).

Gigantophis [n. gen.] garstini.
Andrews, C. W. Geol. Mag., London,
(Ser. 2), **8**, [4], 1901, (438).

Moeriophis [n. gen.] *schweinfurthi*. **Andrews**, C. W. *Geol. Mag.*, London, (Ser. 2), **8**, [4], 1901, (438).

Psephophorus *eocaenus*. **Andrews**, C. W. *Geol. Mag.*, London, (Ser. 2), **8**, [4], 1901, (440).

Stereogenys [n. gen.] *cromeri*. **Andrews**, C. W. *Geol. Mag.*, London, (Ser. 2), **8**, [4], 1901, (443).

Thalassochelys *libyca*. **Andrews**, C. W. *Geol. Mag.*, London, (Ser. 2), **8**, [4], 1901, (441).

Tomistoma *africanum*. **Andrews**, C. W. *Geol. Mag.*, London, (Ser. 2), **8**, [4], 1901, (443).

5631.90 UPPER CAENOZOIC. (MIOCENE, PLIOCENE.)

Crocodylus palustris. **Noetling**, Fritz. *Pal. Ind.*, Calcutta, (N. Ser.), **1**, (3), 1901, (1-378, with 25 pls.).

Gharialis gangeticus. **Noetling**, Fritz. *Pal. Ind.*, Calcutta, (N. Ser.), **1**, (3), 1901, (1-378, with 25 pls.).

Palaeopython sardus Port. n. sp. **Portis**, Alessandro. Roma, *Boll. soc. geol. ital.*, **20**, 1901, (247-253).

Procydanorbis sardus Port. n. sp. **Portis**, Alessandro. Roma, *Boll. Soc. geol. ital.*, **20**, 1901, (51-79, con. tav.).

Python cf. *molurus* Linné. **Noetling**, Fritz. *Pal. Ind.*, Calcutta, (N. Ser.), **1**, (3), 1901, (1-378, with 25 pls.).

5631 AVES.

5631.95 PLEISTOCENE AND RECENT.

Aepyornis. **Meyer**, A. B. und Heller, K. M. *Dresden, Abh. zool. Mus.*, **9**, Nr. 7, 1901, (1-8, mit 1 Doppel-Taf.).

6031 MAMMALIA.

6031.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Elephas. **Botti**, Ulderico. Roma, *Boll. Soc. geol. ital.*, **20**, 1901, (438-445).

Leptochærus quadricuspis n. sp. **Hatcher**, J. B. *Pittsburg, Pa., Ann. Carnegie Mus.*, **1**, 1901, (128-144, with 4 pl.).

Myiodon listai. **Ridewood**, W. G. *Q. J. Microsc. sci.*, London, (Ser. 2), **44**, 1901, (393-411, pl. xxvi).

Titanotherium. **Hatcher**, J. B. *Pittsburg, Pa., Ann. Carnegie Mus.*, **1**, 1901, (256-262, with pl.).

6031.55 UPPER PALAEOZOIC.

Basilosaurus cetoides (Owen). **Lucas**, Frederick Augustus. Washington, D.C., *Smithsonian Inst., Nation. Mus. Proc.*, **23**, 1901, (327-331, with pl.).

6031.85 LOWER CAENOZOIC. (EOCENE, OLIGOCENE.)

Aelurotherium bicuspis n. sp. **Wortman**, J. L. *Amer. J. Sci.*, New Haven, Conn., (Ser. 4), **12**, 1901, (193-206).

Aeticamelus n. gen. **Matthew**, W. D. New York, N.Y., *Mem. Amer. Mus. Nat. Hist.*, **1**, Part 7, 1901, (353-447, with pl.). (Separate). 36 cm.

Barytherium. **Andrews**, C. W. *Nature*, London, **64**, 1901, (528).

Amphicyon americanus n. sp. **Wortman**, J. L. *Amer. J. Sci.*, New Haven, Conn., (Ser. 4), **11**, 1901, (200-204).

Bradytherium. n. gen. for *B. grave*. n. sp. **Andrews**, C. W. *Geol. Mag.*, London, (Ser. 4), **8**, 1901, (407, 528).

Eporeodon major var. *cadrensis* n. var. **Matthew**, W. D. New York, N.Y., *Mem. Amer. Mus. Nat. Hist.*, **1**, Part 7, 1901, (353-347, with pl.). (Separate).

Equus giganteus n. sp. **Gidley**, J. W. New York, N.Y., *Bull. Amer. Mus. Proc. Nat. Hist.*, **14**, 1901, (101-142, with pl.).

Harpagolestes macrocephalus n. gen. et n. sp. **Wortmann**, J. *Amer. J. Sci.*, New Haven, Conn., (Ser. 4), **12**, 1901, (281-296, with 5 pls.).

Lophiodon. **Omboni**, Giovanni. Venezia, *Atti Ist. Ven.*, **60**, 1901, (631-638), con. tav.).

Merycochærus nn. spp. **Douglass**, Earl. *Amer. J. Sci.*, New Haven, Conn., (Ser. 4), **11**, 1901, (73-83).

Moeritherium n. gen. for *M. lyonsi* n. sp. **Andrews**, C. W. *Geol. Mag.*, London, (Ser. 2), 8, [4], 1901, (402).

—— *lyonsi*. **Andrews**, C. W. *Geol. Mag.*, London, (Ser. 2), 8, [4], 1901, (403).

Mustela ogygia n. sp. **Matthew**, W. D. New York, N.Y., *Mem. Amer. Mus. Nat. Hist.*, 1, Part 7, 1901, (353-447, with pl.). (Separate). 36 cm.

Neovulpavus washakius n. gen. et n. sp. **Wortmann**, J. L. *Amer. J. Sci.*, New Haven, Conn., (Ser. 4), 11, 1901, (437-450, with 1 pl.).

Palaeomastodon, n. gen. for *P. beadnelli* n. sp. **Andrews**, C. W. *Geol. Mag.*, London, (Ser. 4), 8, 1901, (401).

Palaeosinopa veterrima n. gen. et n. sp. **Matthew**, W. D. New York, N.Y., *Bull. Amer. Mus. Nat. Hist.*, 14, 1901, (1-38).

Proscalops miocaenus n. gen. et n. sp. **Matthew**, W. D. New York, N.Y., *Mem. Amer. Mus. Nat. Hist.*, 1, Part 7, 1901, (353-447, with pl.). (Separate). 36 cm.

Protapirus robustus n. sp. **Sinclair**, William J. Chicago, Ill., *J. Geol.*, Univ. Chic., 9, 1901, (702-707).

Protomeryx campester n. sp. **Matthew**, W. D. New York, N.Y., *Mem. Amer. Mus. Nat. Hist.*, 1, Part 7, 1901, (353-447, with pl.).

Ondectes herpestoides n. sp. **Wortmann**, J. L. *Amer. J. Sci.*, New Haven, Conn., (Ser. 4), 12, 1901, (143-154).

Sinopa opisthoma n. sp. **Matthew**, W. D. New York, N.Y., *Bull. Amer. Mus. Nat. Hist.*, 14, 1901, (1-31).

Sorex kinkelini n. sp. **Zinndorf**, Jakob. Offenbach, Ber. Ver. Natk., 37-42, 1901, (87-146, mit 4 Taf.).

Viverravus minutus n. sp. **Wortman**, J. L. *Amer. J. Sci.*, New Haven, Conn., (Ser. 4), 12, 1901, (143-154).

Vulpavus hargeri n. sp. **Wortman**, J. L. *Amer. J. Sci.*, New Haven, Conn., (Ser. 4), 11, 1901, (333-348, with 1 pl.).

6031.90 UPPER CAENOZOIC. (MIOCENE, PLIOCENE.)

Aeticamelus n. gen. **Matthew**, W. D. New York, N.Y., *Mem. Amer. Mus. Nat. Hist.*, 1, Part 7, 1901, (353-447, with pl.). (Separate). 36 cm.

Amphicyon americanus n. sp. **Wortmann**, J. L. *Amer. J. Sci.*, New Haven, Conn., (Ser. 4), 11, 1901, (200-204).

Anoplotherium birmanicum n. sp. **Neotling**, Fritz. Pal. Ind., Calcutta, (N. Ser.), 1, (3), 1901, (1-378, with 25 pls.).

Boselaphus. **Major**, C. I. Forsyth. *Geol. Mag.*, London, (Ser. 4), 8, 1901, (354-355).

Camelus. **Major**, C. I. Forsyth. *Geol. Mag.*, London, (Ser. 4), 8, 1901, (358-354).

Cyrtodelphis sulcatus. **Pias** (Dai), Giorgio. *Palaeontogr. Italica*, Pisa, 7, 1901, (287-292, con. tav.).

Elephas. **Griffini**, Achille. *Boll. matt. sc. fis. nat.*, Bologna, 2, 1901, (estr. 1-5, con 1 fig.).

—— *primigenius* Bl. **Ricci**, Arnaldo. *Palaeontogr. Italica*, Pisa, 7, 1901, (121-148, con 3 tav.).

Eporeodon major var. *cadrensis* n. var. **Matthew**, W. D. New York, N.Y., *Mem. Amer. Mus. Nat. Hist.*, 1, Part 7, 1901, (353-447, with pl.).

Equus giganteus n. sp. **Gidley**, J. W. New York, N.Y., *Bull. Amer. Mus. Proc. Nat. Hist.*, 14, 1901, (101-142, with pl.).

Mastodon. **Pavlovna**, M. V. S. Pétersbourg, Dnev. XI Sjezda russ. jest. vrač., 1901, (247).

Merycochoerus nn. spp. . . . **Douglass**, Earl. *Amer. J. Sci.*, New Haven, Conn., (Ser. 4), 11, 1901, (73-83).

Mustela ogygia n. sp. **Matthew**, W. D. New York, N.Y., *Mem. Amer. Mus. Hist.*, 1, Part 7, 1901, (353-447, with pl.). (Separate). 36 cm.

Okapia johnstoni. **Boule**, M[arcellin]. *Nature*, Paris, 29, 1901, (2^e semest.), (388-390, av. fig.).

Palaeosinopa veterrima n. gen. et n. sp. **Matthew**, W. D. New York, N.Y., *Bull. Amer. Mus. Nat. Hist.*, 14, 1901, (1-38).

Panthocops hundesiensis
Skull. **Lydekker**, Richard.
London, Q. J. Geol. Soc., **57**, 1901, (289-292, with figs.).

Pithecanthropus erectus
Dubois, Eugène. **Petrus**
Camper, Bijdr. Anat., Haarlem, **1**, 1901,
(237-241, av. pl.).

Priscalops n. gen et n. sp.
Matthew, W. D. New York, N.Y., Mem.
Amer. Mus. Nat. Hist., **1**, Part 7, 1901,
(353-447, with pl.). Separate. 36 cm.

Protapirus robustus n. sp.
Sinclair, William J. Chicago,
Ill., J. Geol. Univ. Chic., **9**, 1901, (702-707).

Protohippus. **Pavlova**, Marija
Vasiljevna. St. Pétersbourg, Dnev.
XI Sjezda russ. jest. vrač., 1901, (247).

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Matthew, W. D. New York, N.Y., Bull.
Amer. Mus. Nat. Hist., **14**, 1901, (1-38).

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Lucas, Frederic Augustus. Washington,
D. C., Smithsonian Inst., Nation.
Mus. Proc., **23**, 1901, (221-224).

6031.95 PLEISTOCENE AND RECENT.

Bradytherium madagascariense n. sp. **Grandidier**, Guillaume.
Bul. Muséum, Paris, **1901**, (54-56, av. fig.).

Camelus knoblochi [Nhrgr.].
Nehring, Alfred. Berlin, Sitzber. Ges.
natf. Freunde, **1901**, (137-144); Globus,
Braunschweig, **80**, 1901, (188-189, 264-267).

Cervus elaphus. **Otway**, A. L.
Irish Nat., Dublin, **10**, 1901, (101).

Elephas. **Coincy**, A. de. Naturaliste,
Paris, (sér. 2), **23**, 1901, (231).

Gregorio, Marquis Antoine
de. Naturaliste, Paris, (sér. 2), **23**, 1901,
(212).

Pontier, Georges. Naturaliste,
Paris, (sér. 2), **23**, 1901, (185-183,
av. fig.).

Elephas. (*Euelephas*) *antiquus*
Falc. **Stefano** (De), Giuseppe. Reggio di
Calabria, 1901, (1-30, con. tav.).

primigenius. **Adelung**,
N[ikolai] von. Globus, Braunschweig,
80, 1901, (85-87).

Kačenko, N.
St. Peterburg, Mém. Ac. Sc., **11**, 7.
1901, (1-56, av. 8 pl.).

Keller, Gustav.
Cassel (Th. G. Fisher u. Co.), 1901.

Ricci, Arnaldo.
Roma, Boll. Soc. Geol. ital., **20**, 1901,
(368-393, con tav.); Roma, Rend. Acc.
Lincei, (Ser. 5), **10**, 2° Sem., 1901, (14-17, con tav.).

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Fennia, **18**, (8), 1900-1901, (1-8).

Steenstrup, K.
J. V. Kjøbenhavn, Medd. Geol., **8**,
1901, (61-62).

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Stuttgart, **74**, 1901, (126).

Blum. Stefano
(De), Giuseppe. Reggio di Calabria,
1901, (1-30, con tav.).

meridionalis **Nesti**.
Stefano (De), Giuseppe. Roma, Boll.
Soc. geol. ital., **20**, 1901, (339-342, con
tav.); Reggio di Calabria, 1901, (1-34,
con. tav.).

trogonthierus **Pohlig**.
Ricci, Arnaldo. Roma, Rend. Acc.
Lincei, (Ser. 5), **10**, 2° sem., 1901, (93-98, con fig.).

Wust, Ewald.
Zs. Natw., Stuttgart, **74**, 1901, (65-71).

Foca. . . . **Ugolini**, Riccardo.
Proc. verb. Soc. tosc. nat., Pisa, **12**,
1901, (147-148).

Gryotherium . . . **Lehmann-Nitsche**, R.
Verh. Ges. D. Natf., Leipzig, **172**, II, 1, 1901, (129-131).

domesticum. . . .
Philippi, R. A. Arch. Natg., Berlin,
67, Bd 1, 1901, (271-275, mit 1 Taf.).

Hippopotamus pentlandi **Falconer**.
Seguenza, Luigi. Acireale, Atti e
Rendic. Acc. Zelanti, (N. Ser.), **10**,
(1899-1900), 1901, (1-8).

Homo sapiens. **Klaatsch**, [Hermann].
Berlin, Zs. D. geol. Ges., **53**,
1901, Verhandl., (44-46).

Machairodus. **Boule**, Marcelin.
Paris, Bul. soc. géol., (sér. 4), **1**, 1901,
(551-573, av. fig.).

Megaceros giganteus. **Keller**,
Gustav. Cassel (Th. G. Fisher u. Co.),
1901.

Neomylodon . . . **Tournouër**,
A. Paris, C.-R. Acad. sci., **132**, 1901,
(96-97).

Okapia johnstoni. **Gaudry**, A.
Paris, C.-R. Acad. sci., **133**, 1901, (858-
859).

Ovibos moschatus. **Harlé**,
Edouard. Paris, Bul. soc. géol., (sér. 4),
1, 1901, (455-458, av. fig.).

Ovis. **Gaillard**, C. Lyon, Bul. soc.
anthr., **20**, 1901, (69-102, av. fig.).
Discussion, (102-103).

Phoca. v. *Foca*.

Pinnipedia. **Sheppard**, T. Hull,
Trans. Hull Sci. Cl., **1**, (4), 1901, (250).

Pithecanthropus erectus.
Manouvrier, Léon]. Anthr., Paris, **12**,
1901, (103-104).

————— **Bourges**, G.
Avignon, Mém. Acad. (sér. 2), **1**, 1901,
(126-142, av. 2 pl. et fig.).

————— **Jousset**, P.
Paris, 1901, (36). 14 cm.

Rhinoceros mercki Jaeg.
Stefano (De), Giuseppe. Reggiodi Calab-
ria, 1901, (1-30, con tav.); Roma, Boll.
Soc. geol. ital., **20**, 1901, (339-342,
con fig.).

Tursiops [Delphinus] chilöen-
sis. **Philippi**, R. A. Arch. Natg.,
Berlin, **67**, Bd 1, 1901, (276-278).

LIST OF NEW GENERA AND SPECIES.

0131 FOSSILS OF DOUBTFUL
AFFINITY OR ORIGIN.

DAEMONHELIX.

———— krameri, Ammon, L. 18.

0431 PROTOZOA.

AMMODISCUS [Foraminifera].

———— concavus. Spandel, E. 559.

———— dubius. Grzybowski, J. 213,
214.

———— gorlicensis. Grzybowski, J.
213, 214,

———— v. Cornuspira.

BIGENERINA v. Monogenerina.

COENUSPIRA [Foraminifera].

———— angusta (Ammodiscus angus-
tus?). Friedberg, W.
183.

CYCLAMMINA [Foraminifera].

———— gracilis. Grzybowski, J.
213, 214.

DENTALINA [Foraminifera].

———— bradyi. Spandel, E. 559.

DENDROPHYRA [Foraminifera].

———— discreta. Friedberg, W.
183.

GAUDRYINA [Foraminifera].

———— conversa. Grzybowski, J.
213, 214.

GEINITZINA [Foraminifera].

———— postcarbonica. Spandel, E.
559.

HAPLOPHRAGMIUM [Foraminifera].

———— deflexum. Grzybowski, J.
213, 214.

———— horridum. Grzybowski, J.
213, 214.

LAGENA [Foraminifera].

———— apiculata, var. tetracarinata.
n var. Friedberg, W.
183.

MILIOLINA [Foraminifera].

———— gramen. Friedberg, W. 183.

———— tenuis. Friedberg, W. 183.

MONOGENERINA, n. gen. [Foraminifera].
Spandel, E. 559.

———— [Bigenerina] atava. Spandel.
E. 559.

———— nodosariformis. Spandel, E.
559.

NODOSARIA [Foraminifera].

———— postcarbonica. Spandel, E.
559.

POLYMORPHINA [Foraminifera].

———— irregularis. Friedberg, W.
183.

———— sororia. Friedberg, W. 183.

RAMULINA [Foraminifera].

———— fornasiinii. Liebus, A. 308.

RHEOPHAX [Foraminifera].

———— ovuloides. Grzybowski, J.
213, 214.

SPIROLOCULINA [Foraminifera].

———— complanata. Grzybowski, J.
213, 214.

———— fissistomata. Grzybowski, J.
213, 214.

———— inclusa. Grzybowski, J. 213,
214.

———— occulta. Grzybowski, J. 213,
214.

———— simplex. Grzybowski, J.
213, 214.

SPIROPLECTA [Foraminifera].

———— clotho. Grzybowski, J. 213,
214.

TROCHAMMINA [Foraminifera].

———— ammonoides. Grzybowski,
J. 213, 214.

———— draco. Grzybowski, J. 213,
214.

———— mirabilis. Friedberg, W.
183.

TROCHAMMISA [Foraminifera].

- *mitrata*. Grzybowski, J. 213, 214.
 —— *simplex*. Friedberg, W. 183.
 —— *uviformis*. Grzybowski, J. 213, 214.
 —— *variegata*. Friedberg, W. 183.

0631 COELENTERATA.**ALVEOLITES** [Tabulata].

- *polenowi*. Peetz, H. von. 425.

AMPLEXUS.

- *radigerus*. Rowley, R. R. 483.
 —— *vermicularis*. Rowley, R. R. 483.

ACLOPORA.

- *amplexa*. Rowley, R. R. 483.
 —— *longi*. Rowley, R. R. 483

AXOPHYLLUM.

- ? *alleni*. Rowley, R. R. 483.

CERATOTROCHUS [Aporosa].

- *alcockianus*. **Noetling**, F. 390.

COLEOPHYLLUM.

- ? *greeni*. Rowley, R. R. 483.

CYATHOPÆDIUM [Tetracorallia].

- *schlüteri*. Peetz, H. von. 425.

CYATHOPHYLLUM [Tetracorallia].

- *annulatum*. Peetz, H. von. 425.

CYSTIPHYLLUM [Tetracorallia].

- *salsalicum* n. sp. Peetz, H. von. 425.

FAVOSITES [Tabulata].

- *brusnitzini*. Peetz, H. von. 425.
 —— *forbesi*, var. *sibirica* n. var. Peetz, H. von. 425.

LEPTOPHYLLIA [Aporosa].

- *baltica*. **Henning**, A. 227.

MEDUSINA [Hydrozoa].

- *geryonides*. **Huene**, F. v. 237.

MICROPLASMA [Tetracorallia].

- *nesterowakii*. Peetz, H. v. 425.

NEOSTROMA [Stromatoporidae] n. gen. Tornquist, A. 585.

- *sumatraensis*. Tornquist, A. 585.

SPONGOPHYLLUM [Tetracorallia].

- *wenjukowi*. Peetz, H. v. 425.

STRIATOPORA [Tabulata].

- *tchichatschewi*. Peetz, H. v. 425.

TREMATROCHUS [Tetracorallia].

- *declivis*. Dennant, J. 139.
 —— *kitsoni*. Dennant, J. 139.

1031 ECHINODERMATA.**AGELACRINITES** [Cystoidea].

- *beecheri*. Clarke, J. M. 109.
 —— *buttsi*. Clarke, J. M. 109

AOROCRINUS [Crinoidea].

- *wachsmuthi*. Rowley, R. R. 483.

CARPENTEROBLASTUS n. gen. [Blastoidea].

- *Rowley*, R. R. 483.
 —— *pentagonus*. Rowley, R. R. 483.

CLYPEASTER [Echinoidea].

- *duncanianus*. **Noetling**, F. 390.

CYTOLITES [Blastoidea].

- *bennetti*. Rowley, R. R. 483.

DIELASMA [Blastoidea].

- ? *pediculus*. Rowley, R. R. 483.

GENNAEOCRINUS [Crinoidea].

- *carinatus*. Wood, E. 641.

HYSTRICRINUS [Crinoidea].

- *schwerdii*. Follmann, O. 168.

LEPIDODISCUS [Cystoidea].

- *alleganius*. Clarke, J. M. 109.

LEPTOPORA [Blastoidea].

- *procera*. Rowley, R. R. 483.
 —— *ramosa*. Rowley, R. R. 483.

LOPHOBLASTUS n. gen. [Blastoidea].

- *Rowley*, R. R. 483.
 —— *conoidens*. Rowley, R. R. 483.
 —— *marginulus*. Rowley, R. R. 483.

- NOETLINGIA** [Echinoidea].
 ——— *monteili*. Gauthier, V. 190.
PENTAORINUS [Crinoidea].
 ——— *merzbacheri*. Ammon, L. v. 16.

- TRIGERIA** [Blastoidea].
 ——— ? *curriei*. Rowley, R. R. 483.

1831 VERMES.

- SPIROBIS**.
 ——— ? *dubius*. Rowley, R. R. 483.

2031 BRACHIOPODA, INCLUDING BRYOZOA (POLYZOA).

BRACHIOPODA.

- ACROTHYRA**, n. gen.
 ——— *Matthew*, G. F. 342.
ANATHYRIS n. subgen. *Athyris* [Spiriferidae], Peetz, H. v. 425.
 ——— *trapezoidalis*. Peetz, H. v. 425.

- ATHYRIS** [Spiriferidae].
 ——— *acuminata*. Drevermann, F. 150.
 ——— *cuboides*. Drevermann, F. 150.

- ATRYPA** [Atrypidae].
 ——— *grunewaldtiaeformis*. Peetz, H. v. 425.
 ——— *salairica*. Peetz, H. v. 425.

- BICIA** n. gen. [Obolidae]. Walcott, C. D. 610.
 ——— *whiteavesi*. Walcott, C. D. 610.

- CAMARELLA** [Pentameridae].
 ——— *bernensis*. Sardeson, F. W. 498.
 ——— *owatonnensis*. Sardeson, F. W. 498.

- CAMAROTOECHIA** [Rhyconellidae].
 ——— *pauciplicata*. Wood, E. 641.

- CHONETES** [Productidae].
 ——— *burlingtonensis*. Weller, S. 622.
 ——— *gregarius*. Weller, S. 622.

- CRANIA** [Craniidae].
 ——— *halli*. Sardeson, F. W. 498.
 ——— *recta*. Wood, E. 642.

- DALMANELLA** [Strophomenidae].
 ——— *frechi*. Fliegel, G. 166.
 ——— *inostranzewi*. Peetz, H. v. 425.

- DISCINA** [Discinidae].
 ——— *concordensis*. Sardeson, F. W. 498.
 ——— *multiradiata*. Dollfus, G. et Dautzenberg, Ph. 147.

- GLASSIA** [Atrypidae].
 ——— (?) *Drevermann*, F. 150.

- GLYPTIAS** n. subgen. [Obolidae].
 ——— *Walcott*, C. D. 610.

- HYPOTHYRIS** v. *Rhynchoncha*.

- LEPTAENA** [Strophomenidae].
 ——— *minnesotensis*. Sardeson, F. W. 498.
 ——— *praecosis*. Sardeson, F. W. 498.
 ——— *recendens*. Sardeson, F. W. 498.
 ——— *saxa*, Sardeson, F. W. 498.

- LINGULELLA** v. *Obolus*.

- OBOLELLA** [Obolidae].
 ——— *lindströmi*. Walcott, C. D. 610.
 ——— *mobergi*. Walcott, C. D. 610.

- OBOBUS** [Obolidae].
 ——— *bornemanni*. Walcott, C. D. 610.

- *linnarssoni*. Walcott, C. D. 610.

- (?) *meneghini*. Walcott, C. D. 610.

- *randomensis*. Walcott, C. D. 610.

- (*Lingulella* ?) *bicensis*. Walcott, C. D. 610.

- *rugatus*. Walcott, C. D. 610.

- *schucherti*. Walcott, C. D. 610.

- *siemiradzskii*. Walcott, C. D. 610.

- *tetonsis*. Walcott, C. D. 610.

- (?) *zoopi*. Walcott, C. D. 610.

ORTHUS [Strophomenidae].

- *corpulenta*. Sardeson, F. W. 498.
 ——— *macrior*. Sardeson, F. W. 498.
 ——— *minnesotensis*. Sardeson, F. W. 498.
 ——— *petrae*. Sardeson, F. W. 498.
 ——— *rugata*. Sardeson, F. W. 498.
 ——— *tersus*. Sardeson, F. W. 498.

ORTHOETES [Strophomenidae].

- *circularis*. Fliegel, G. 166.
 ——— *minutus*. Cumings, E. R. 127.
 ——— *politus*. Fliegel, G. 166.

PENTAMERUS [Pentameridae].

- *kayseri*. Peetz, H. v. 425.

PRODUCTELLA [Productidae].

- *minneapolis*. Sardeson, F. W. 498.

PRODUCTUS [Productidae].

- *meisteri*. Peetz, H. v. 425.

RETZIA [Spiriferidae].

- *salairica*. Peetz, H. v. 425.
 ——— *tschernyschewi*. Peetz, H. v. 425.

RHYNCHONCHA [Rhynchonellidae].

- (*Hypothyris*) *coronata*. Drevermann, F. 150.

RHYNCHONELLA [Rhynchonellidae].

- *minnesotensis*. Sardeson, F. W. 498.
 ——— *sancta*. Sardeson, F. W. 498.
 ——— *tricostata*. Peetz, H. v. 425.

SCENIDIUM [Strophomenidae].

- *anthonensis*. Sardeson, F. W. 498.

SCHIZOPHORIA [Strophomenidae].

- *derjawni*. Peetz, H. v. 425.

SPIRIFER [Spiriferidae].

- *batschati*. Peetz, H. v. 425.
 ——— *rectangularis*. Peetz, H. v. 425.

SPRIGERA [Spiriferidae].

- *damasi*. Fliegel, G. 166.
 ——— *pseudodiclasma*. Fliegel, G. 166.

STREPTORHYNCHUS [Strophomenidae].

- *subsulcatus*. Sardeson, F. W. 498.
 ——— *subpelargonatus*. Fliegel, G. 166.

STROPHOMENA [Strophomenidae].

- *halli*. Sardeson, F. W. 498.
 ——— *inquassa*. Sardeson, F. W. 498.

WESTONIA n. subgen. [Obolidae].

- Walcott, C. D. 610.

BRYOZOA.**AMPHIBLESTRUM.**

- *nitidum*. Maplestone, C. M. 333.
 ——— *ovatum*. Maplestone, C. W. 333.
 ——— *moniliferum*. Maplestone, C. M. 333.
 ——— *planulatum*. Maplestone, C. M. 333.
 ——— *sexspinosum*. Maplestone, C. M. 333.
 ——— *variable*. Maplestone, C. M. 333.

CELLARIA.

- *contigua*, var. *corioensis*, n. var. Maplestone, C. M. 333.
 ——— *gigantea*. Maplestone, C. M. 333.
 ——— *grandis*. Maplestone, C. M. 333.

CORBULIPORA.

- *ampulla*. Maplestone, C. M. 333.

CRIBRILINA.

- *turgida*. Maplestone, C. M. 333.

LEPRALIA.

- *airensis*. Maplestone, C. M. 333.
 ——— *calopora*. Maplestone, C. M. 333.
 ——— *clavata*. Maplestone, C. M. 333.
 ——— *costata*. Maplestone, C. M. 333.
 ——— *cribosa*. Maplestone, C. M. 333.

LEPRALIA.

- *mammillifera*. Maplestone,
C. M. 333.
- *partipunctata*. Maplestone,
C. M. 333.
- *quadratipunctata*. Maple-
stone, C. M. 333.
- *radiata*. Maplestone, C. M.
333.

MACROPORA.

- *cribrilifera*. Maplestone, C.
M. 333.

MELICERITA.

- *elliptica*. Maplestone, C. M.
333.

MEMBRANIPORA.

- *aviculifera*. Maplestone, C.
M. 333.
- *bellia*. Maplestone, C. M.
333.
- *globulosa*. Maplestone, C. M.
333.
- *ligulata*. Maplestone, C. M.
333.
- *longipes*. Maplestone, C. M.
333.
- *porcellana*. Maplestone, C.
M. 333.
- *regularis*. Maplestone, C. M.
333.

MEMBRANIPORELLA.

- *decorata*. Maplestone, C. M.
333.
- *rugosa*. Maplestone, C. M.
333.

MICROPORA.

- *carinata*. Maplestone, C. M.
333.
- *elegans*. Maplestone, C. M.
333.
- *lunipuncta*. Maplestone,
C. M. 333.

MICROPORELLA.

- *rugosa*. Maplestone, C. M.
333.

OVATICELLA n. gen. Maplestone, C. M.
333.

- *turbinata*. Maplestone,
C. M. 333.

**2231 MOLLUSCA, INCLUDING
CEPHALOPODA, GASTROPODA,
AMPHINEURA, SCAPHOPODA,
AND LAMELLIBRANCHIATA
(PELECYPODA).****AMPHINEURA.****ACANTHOCHITES [Polyplacophora].**

- *granulosus*. Ashby, E. and
Torr, W. G. 31.
- *rostratus*. Ashby, E. and
Torr, W. G. 31.

CHITON [Chitonidae].

- *fossicus*. Ashby, E. and
Torr, W. G. 31.
- *paucipustulosus*. Ashby, E.
and Torr, W. G. 31.

LORICA [Polyplacophora].

- *affinis*. Ashby, E. and
Torr, W. G. 31.
- *compressa*. Ashby, E. and
Torr, W. D. 31.

LORICELLA [Chitonidae].

- *gigantea*. Ashby, E. and
Torr, W. G. 31.

PLAXIPHORA [Polyplacophora].

- *gellibrandi*. Ashby, E. and
Torr, W. G. 31.

CEPHALOPODA.**BELEMNITES [Belemnitidae].**

- *kleinii*. Gürich, G. 215.

PRODROMITES n. gen. [Nautiloidea].
Smith, J. P. 543.

- *praematurus*. Smith, J. P.
543.

CLYMENIA [Ammonoidea].

- *kayseri*. Drevermann, F.
150.

ORTHO CERAS [Nautiloidea].

- *orientale*. Fliegel, G. 166.

PLEURONAUTILUS [Nautiloidea].

- *lőczyi*, Fliegel, G. 166.
- *kossmati*. Diener, C. 142.
- *sumatrensis*. Fliegel, G.
166.

TMAEGOCERAS [Ammonoidea].

- *crassiceps*. Pompeckj, J. F.
444.

GASTEROPODA.

- ACTEON [Actaeonidae].
 ———? *cinuliaeformis*. Schlosser, M. 502.
 ADEORIS [Adeorbidae].
 ——— *subalpinus*. Deninger, K. 138.
 ALIA *v.* *Vertigo*.
 ALARIA [Aporthaidae].
 ——— *abbreviata*. Schlosser, M. 502.
 AMBERLEYA [Turbinidae].
 ——— *aff. Belia d'Orb.* Schlosser, M. 502.
 ANXYLUS [Limnaeidae].
 ——— (*Velletia*) *boettgeri*. Zinndorf, J. 670.
 APTYXIELLA [Nerineidae].
 ——— *quenstedti*. Geiger, P. 192.
 ——— *umbilicata*. Geiger, P. 192.
 ——— *ewaldi*. Geiger, P. 192.
 BAILISSA [Trochidae].
 ——— *lorioliana*. Noetling, F. 390.
 CALLIOSTOMA [Trochidae].
 ——— *bravardi*. Borchert, A. 72.
 ——— *koenenianum*. Noetling, F. 390.
 ——— *puelchanum*. Borchert, A. 72.
 ——— *punctatulum*. Borchert, A. 72.
 CANCELLARIA [Cancellariidae].
 ——— *inornata*. Noetling, F. 390.
 ——— *martiniana*. Noetling, F. 390.
 ——— *neavolutella*. Noetling, F. 390.
 ——— *pseudocancellata*. Noetling, F. 390.
 CARINAROPSIS [Pterotrachaeidae].
 ——— *deleta*. Sardeson, F. W. 498.
 ——— *phalera*. Sardeson, F. W. 498.
 CERITELLA [Cerithiidae].
 ——— *dubiosa*. Schlosser, M. 502.
 CERITHINELLA [Cerithiidae].
 ——— *supraliasica*. Schlosser, M. 502.
 CERITHIUM [Cerithiidae].
 ——— *inferioris*. Schnarrenberger, C. 510.
 ——— *paronai*. Schnarrenberger, C. 510.
 CLAVATULA [Conidae].
 ——— *munga*. Noetling, F. 390.
 ——— *protonodifera*. Noetling, F. 390.
 COELOSTYLINA [Pyramidellidae].
 ——— *algarvensis*. Böhm, J. 66.
 ——— *choffati*. Böhm, J. 66.
 ——— *gracilior*. Böhm, J. 66.
 ——— *tumida*. Böhm, J. 66.
 COLUMBELLA [Columbellidae].
 ——— *multicostata*. Blanckenhorn, M. 62.
 CONCHOPELTIS [Cyclobranchina].
 ——— *obtusa*. Sardeson, F. W. 498.
 CONUS [Conidae].
 ——— *avaënis*. Noetling, F. 390.
 ——— *galensis*. Noetling, F. 390.
 ——— *hanza*. Noetling, F. 390.
 ——— (*Leptoconus*) *protofurvus*. Noetling, F. 390.
 ——— *yuleianus*. Noetling, F. 390.
 CREPIDULA [Capulidae].
 ——— *paranensis*. Borchert, A. 72.
 CRYPTOLOCUS [Nerineidae].
 ——— *engelii*. Geiger, P. 192.
 CYLINDROBULLINA [Bullidae].
 ——— *coarctata*. [Böhm, J.] 66.
 DELPHINULA [Trochidae].
 ——— *apenninica*. Scharrenberger, C. 510.
 ——— *pseudoscalaris*. Schnarrenberger, C. 510.
 DRILLIA [Pleurotomidae].
 ——— *promensis*. Noetling, F. 390.
 ——— *protocincta*. Noetling, F. 390.
 ——— *protointerrupta*. Noetling, F. 390.
 EBURNA [Buccinidae].
 ——— *protozeylanica*. Noetling, F. 390.

- EPHYRA**, n. gen. [Actaeonidae]. Böhm, J. 66.
 ————— *exilis*. Böhm, Joh. 66.
- EUMPHALUS** [Solaridae].
 ————— *varicosus*. Drevermann, F. 150.
- EUSTYLUS** [Solaridae].
 ————— *v. liasicus*. Schlosser, M. 502.
- FOSSARUS** [Fossaridae].
 ————— *krausei*. Noetling, Fritz. 390.
- FUSUS** [Fasciolaridae].
 ————— *seminudus*. Noetling, F. 390.
- FUSISPIRA** [Subulitidae].
 ————— (?) *spicula*. Sardeson, F. W. 498.
- GALEODEA** [Cassididae].
 ————— *monilifera*. Noetling, F. 390.
- GIBBULA** [Trochidae].
 ————— *laevigata*. Borchert, A. 72.
- GLAUCONIA** [Turritellidae].
 ————— *böhmi*. Schnarrenberger, C. 510.
- HELIX**. [Helicidae].
 ————— *feralis*, n. var. Hemphill, H. 226.
 ————— *quadridentata*. Blanckenhorn, M. 62.
 ————— *sodalis*, n. var. Hemphill, H. 226.
 ————— *tryonii major*, n. var. Hemphill, H. 226.
 ————— *tryonii mosculata*, n. color-var. Hemphill, H. 226.
 ————— *tryonii minor*, n. var. Hemphill, H. 226.
 ————— *wrazidloi*. Zinndorf, J. 670.
- HOLOPEA** [Littorinidae].
 ————— (?) *perundosa*. Sardeson, F. W. 498.
- ITIERIA** [Nerineidae].
 ————— *actaeonelliformis*. Schnarrenberger, C. 510.
 ————— *crenulata*. Schnarrenberger, C. 510.
- LEPTOCONUS** *v. Conus*.
- LITTORINA** [Littorinidae].
 ————— *paranensis*. Borchert, A. 72.
 ————— *unicostalis*. Borchert, A. 72.
- LOXONEMA** [Pseudomelaniidae].
 ————— *supremum*. Schlosser, M. 502.
 ————— *tschurowskii*. Peetz, H. v. 425.
- MACROCHILINA** [Pseudomelaniidae].
 ————— *excentrica*. Drevermann, F. 150.
- MELANOPSIS** [Melaniidae].
 ————— *aegyptiaca*. Blanckenhorn, M. 62.
- METOPTOMA** [Cyclobranchina].
 ————— *explanata*. Sardeson, F. W. 498.
- MURCHISONIA** [Pleuromariidae].
 ————— *padangensis*. Fliegel, G. 166.
- NATICA** [Naticidae].
 ————— *entrieriana*. Borchert, A. 72.
 ————— *gracilior*. Noetling, F. 490.
 ————— *subalpina*. Deninger, K. 138.
- NATICOPSIS** [Neritopsidae].
 ————— *elegantata*. Fliegel, G. 166.
 ————— *trautscholdi*. Fliegel, G. 166.
- NEMATURELLA** [Hydrobiidae].
 ————— *stenostoma*. Madsen, V. and Nordmann, V. 325.
- NERINEA** [Nerineidae].
 ————— *speciosa*. Geiger, P. 192.
 ————— *di-stefanoi*. Schnarrenberger, C. 510.
- NERITOPSIS** [Neritopsidae].
 ————— *algarvensis*. Böhm, J. 66.
- OLIVA** [Olividae].
 ————— *brasiliانا*. Borchert, A. 72.
- OONIA** [Pyramidellidae].
 ————— *casta*. Böhm, J. 66.
- ORTHONYCHIA** [Capulidae].
 ————— Drevermann, F. 150.
- PALUDINA** [Viviparidae].
 ————— (*Vivipara*) *martensi*. Blanckenhorn, M. 62.

- PATELLA** [Patellidae].
 ——— delgadoi. Böhm, J. 66.
- PERSONA** [Tritonidae].
 ——— gautama. Noetling, F. 390.
- PILEOLUS** [Neritidae].
 ——— chelussii. Schnarrenberger, C. 510.
- PLANORBIS** [Limnaeidae].
 ——— (Segmentia) cyrenarum. Zinn-
 dorf, J. 670.
- PLATYOSTOMA** [Capulidae].
 ——— tachoumyschense. Peetz, H.
 v. 425.
- PLEUROTOMA** [Conidae].
 ——— karenaica. Noetling, F. 390.
- PLEUROTOMARIA** [Pleurotomariidae].
 ——— burckhardti. Schlosser, M. 502.
- clivosa. Sardeson, F. W. 498.
- nikitini. Fliegel, G. 166.
- obliqua. Fliegel, G. 166.
- PSEUDOMELANIA** [Pseudomelaniidae].
 ——— aquilensis. Schnarrenberger, C. 510.
- PUNCTUM** [Helicidae].
 ——— oligocaenicum. Zinn-
 dorf, J. 670.
- PURPURA** [Purpuridae].
 ——— rectangularis. Blancken-
 horn, M. 62.
- PTERULA** [Doliidae].
 ——— pseudobucephala. Noetling,
 F. 390.
- RANELLA** [Tritonidae].
 ——— prototubercularis. Noetling,
 F. 390.
- RISSOA** [Rissoidae].
 ——— texta. Borchert, A. 72.
- SCALARIA** [Scalaridae].
 ——— ? decortata. Schlosser, M. 502.
- ingenua. Schlosser, M. 502.
- leptopleurata. Noetling, F. 390.
- spathica. Noetling, F. 390.
- SCURRIA** [Acmaeidae].
 ——— alta. Schnarrenberger, C. 510.
- multangularia. Schnarren-
 berger, C. 510.
- SEGMENTINA** v. Planorbis.
- SEMICASSIS** [Cassididae].
 ——— protojaponica. Noetling, F. 390.
- SOLARIUM** [Solariidae].
 ——— coniforme. Noetling, F. 390.
- nitens. Noetling, F. 390.
- STRIOTEREBRUM** [Terebridae].
 ——— protomyuros. Noetling, F. 390.
- uncinatum. Noetling, F. 390.
- STROMBUS** [Chenopodiidae].
 ——— bavardi. Borchert, A. 72.
- TEREBRUM** [Terebridae].
 ——— protoduplicatum. Noetling,
 F. 390.
- TORINIA** [Solariidae].
 ——— protodorsuosa. Noetling, F. 390.
- TRITON** [Tritonidae].
 ——— neastriatulus. Noetling, F. 390.
- neacolubrinus. Noetling, F. 390.
- TROCHUS** [Trochidae].
 ——— spiralis. Schnarrenberger, C. 510.
- TROPHON** [Muricidae].
 ——— paranensis. Borchert, A. 72.
- TRYBLIDIUM** [Patellidae].
 ——— exsertum. Sardeson, F. W. 498.
- validum. Sardeson, F. W. 498.
- TURCICA** [Trochidae].
 ——— protomonilifera. Noetling,
 F. 390.

- TURRITELLA** [Turritellidae].
 ——— affinis. Noetling, F. 390.
 ——— indeterminata. Borchert, A. 72.
 ——— leiopleurata. Noetling, F. 390.
 ——— lydekkeri. Noetling, F. 390.
 ——— quenstedti. Schlosser, M. 502.
- VELLETIA** v. *Ancylus*.
- VERTIGO** [Pupidae].
 ——— (Alaea) callosa. Zinndorf, J. 670.
 ——— moenans. Zinndorf, J. 670.
- VIVIPARA** v. *Paludina*.
- VOLUTA** [Volutidae].
 ——— nodulifera. Borchert, A. 72.
 ——— ringens. Noetling, F. 390.
 ——— scalata. Schnarrenberger, C. 510.
- XENOPHORA** [Xenophoridae].
 ——— birmanica. Noetling, F. 390.
- ZYGOSPIRA** [Buccinidae].
 ——— aquila. Sardeson, F. W. 498.

LAMELLIBRANCHIATA.

- AEQUIPECTEN** v. *Pecten*.
- ANOMALOCARDIA** v. *Arca*.
- ARCA** [Arcadae].
 ——— (Anomalocardia) myoënsis. Noetling, F. 390.
 ——— (Anomalocardia) oldhamiana. Noetling, F. 390.
 ——— (Anomalocardia) thayetensis. Noetling, F. 390.
 ——— (Anomalocardia) theobaldi. Noetling, F. 390.
 ——— (Anomalocardia) yawensis. Noetling, F. 390.
 ——— capulopsis. Pritchard, G. B. 455.
 ——— metabistrigata. Noetling, F. 390.

- AUCELLINA** n. gen. [Aviculidae].
 ——— Pompeckj, J. F. 443.
 ——— sti. quirini. Pompeckj, J. F. 443.
- AVICULA** [Aviculidae].
 ——— capellini. Böhm, J. 66.
 ——— polenovi. Peetz, H. v. 425.
 ——— suessiana. Noetling, F. 390.
- AVICULOPECTEN** [Pectenidae].
 ——— verbeeki. Fliegel, G. 166.
 ——— waageni. Fliegel, G. 166.
- BATTISSE** v. *Cyrena*.
- BUCHIOLA** [Praecardiidae].
 ——— semiimpressa. Drevermann, F. 150.
- CARDITA** [Carditidae].
 ——— (Mytilicardia) protovariegata. Noetling, F. 390.
 ——— paranensis. Borchert, A. 72.
 ——— planicostata. Noetling, F. 390.
 ——— seabrosa. Noetling, F. 390.
- CARDITELLA** [Carditidae].
 ——— regularis. Pritchard, G. B. 455.
- CARDIUM** [Cardiidae].
 ——— minbuense. Noetling, F. 390.
 ——— protosubrugosum. Noetling, F. 390.
 ——— subsociale. Blanckenhorn, M. 62.
- CONOCARDIUM** [Cardiidae].
 ——— beuhausenii. Drevermann, F. 150.
- CORBIS** [Lucinidae].
 ——— franchii. Schnarrenberger, C. 510.
- CORBULA** [Myidae].
 ——— prototruncata. Noetling, F. 390.
 ——— striatula. Borchert, A. 72.
- CRASSATELLA** [Crassatellidae].
 ——— dieneri. Noetling, F. 390.
- CUCULLAEA** [Arcadae].
 ——— protoconcomerata. Noetling, F. 390.

- CYPRICARDITES** [Ambonychidae].
 ——— *luculentus*. Sardeson, F. W. 498.
 ——— *minnesotensis*. Sardeson, F. W. 498.
 ——— *quenstedti* (= *Venus pumila* Quenst. (non Goldfs)). Schlosser, M. 502.
 ——— *triangularis*. Sardeson, F. W. 498.
 ——— *vicinus*. Sardeson, F. W. 498.
- CYRENA** [Cyrenidae].
 ——— (Batisse) *kodoungensis*. Noetling, F. 390.
- CYTHAREA** [Veneridae].
 ——— *mulukensis*. Blanckenhorn, M. 62.
 ——— *subundulata*. Blanckenhorn, M. 62.
 ——— *yomaensis*. Noetling, F. 390.
- DIMYODON** [Dimyidae].
 ——— *ungulatus*. Böhm, J. 66.
- DIONE** [Veneridae].
 ——— *amygdaloides*. Noetling, F. 390.
 ——— *arrakanensis*. Noetling, F. 390.
 ——— *protolilacina*. Noetling, F. 390.
 ——— *protophilippinarum*. Noetling, F. 390.
- DIPLODONTA** [Lucinidae].
 ——— *platensis*. Borchert, A. 72.
- DOSINIA** [Veneridae].
 ——— *protojuvenilis*. Noetling, F. 390.
- GABI** [Tellinidae].
 ——— *deuteroekingi*. Noetling, F. 390.
 ——— *natensis*. Noetling, F. 390.
 ——— *protokingi*. Noetling, F. 390.
- GERVILLIA** [Permidae].
 ——— *ventrosa*. Böhm, J. 66.
- HARPAX** [Harpidae].
 ——— *meridionalis*. Böhm, J. 66.
- HIATULA** [Panapaeidae].
 ——— *textilis*. Noetling, F. 390.
- HIMERÆLITES** [Rudistae].
 ——— *acuta*. Schnarrenberger, C. 510.
- HOMOMYA** [Panopeidae].
 ——— *cuneata*. Böhm, J. 66.
- IANIRA** v. *Pecten*.
- ISOCTYPRINA** [Cyprinidae].
 ——— *percrassa*. Böhm, J. 66.
 ——— *praerupta*. Böhm, J. 66.
 ——— *seebachi*. Böhm, J. 66.
- LEDA** [Nuculidae].
 ——— *acuticauda*. Pritchard, G. B. 455.
 ——— *avaensis*. Noetling, F. 390.
 ——— *birmanica*. Noetling, F. 390.
 ——— *fontinalis*. Pritchard, G. B. 455.
- LIMA** [Limidae].
 ——— *aquilensis*. Schnarrenberger, C. 510.
 ——— *griesbachiana*. Noetling, F. 390.
 ——— *protosquamosa*. Noetling, F. 390.
- LIMOPSIS** [Arcadae].
 ——— *morningtonensis*. Pritchard, G. B. 455.
- LITHOPHAGA** [Mytilidae].
 ——— *minuta*. Weller, S. 622.
- LUCINA** [Lucinidae].
 ——— *d'archiaciana*. Noetling, F. 390.
 ——— *fuggeri*. Deninger, K. 138.
 ——— *neasquamosa*. Noetling, F. 390.
 ——— *pagana*. Noetling, F. 390.
 ——— *reisi*. Deninger, K. 138.
 ——— *zitteli*. Deninger, K. 138.
- MACROCHLAMYS** v. *Pecten*.
- MACTRA** [Mactridae].
 ——— *protoreevesi*. Noetling, F. 390.
- MEIOCARDIA** [Cardiidae].
 ——— *metavulgaris*. Noetling, F. 390.
 ——— *protovulgaris*. Noetling, F. 390.

METIS v. *Tellina*.**MODIOLA** [Mytilidae].

- buddhaica. Noetling, F. 390.
- contorta. Borchert, A. 72.
- lusitanica. Böhm, J. 66.
- praeupta. Pritchard, G. B. 455.
- pseudobuddhaica. Noetling, F. 390.
- pueblensis. Pritchard, G. B. 455.

MODIOLARIA [Mytilidae].

- balcombei. Pritchard, G. B. 455.

MYALINA [Myalina].

- excentrica. Drevermann, F. 150.

MYTILICARDIA v. *Cardita*.**NUCULA** [Nuculidae].

- phayreiana. Noetling, F. 390.

OSTREA [Ostreidae].

- hyotiformis. Philippi, E. 433.
- peguensis. Noetling, F. 390.
- papyracea. Noetling, F. 390.
- promensis. Noetling, F. 390.

PANOPAEA [Panopaeidae].

- truncata. Borchert, A. 72

PARALLELIPIPEDUM [Cardiidae].

- prototortuosum. Noetling, F. 390.

PECTEN [Pectenidae].

- (Aequipten) fourtani. Blanckenhorn, M. 62.
- (Aequipten) sub. malvinæ. Blanckenhorn, M. 62.
- dilleri. Dall, W. H. 134.
- (Janira) concavus. Blanckenhorn, M. 62.
- (Janira) schweinfurthi. Blanckenhorn, M. 62.
- irrvadicus. Noetling, F. 390.
- kokenianus. Noetling, F. 390.

PECTEN [Pectenidae].

- (Macrochlamya) ind. Blanckenhorn, M. 62.
- protosenatorius. Noetling, F. 390.
- telleri. Deninger, K. 138.
- eberthii. Philippi, E. 433.
- ziziniæ. Blanckenhorn, M. 62.

PECTUNCULUS [Arcadæ].

- minutus. Borchert, A. 72.

PHOLAS [Pholadidae].

- ornata. Borchert, A. 72.

PETRICOLA [Petricolidae].

- incerta. Noetling, F. 390.

PECTUNCULUS [Arcadæ].

- subalpinus. Deninger, K. 138.

PHOLAS [Pholadidae].

- blanfordianus. Noetling, F. 390.

PINNA [Aviculidae].

- richthofeni. Fliegel, G. 166.

PROTCARDIA [Cardiidae].

- choffati. Böhm, J. 66.

PTEROPERNA [Aviculidae].

- camoënsi. Böhm, J. 66.

RADIOLITES [Radiolitidae].

- cordiformis. Schnarrenberger, C. 510.

SOLECURTUS [Solenidae].

- exsulcatus. Noetling, F. 390.

TANCREDIA [Tancrediidae].

- partita. Böhm, J. 66.

TAPES [Veneridae].

- protolirata. Noetling, F. 390.

TELLINA [Tellinidae].

- basedowi. Basedow, H. 37.
- indifferens. Noetling, F. 390.
- (Metis) grimesi. Noetling, F. 390.
- protocandida. Noetling, F. 390.
- protostriatula. Noetling, F. 390.
- (Tellinella) pseudohilli. Noetling, F. 390.

- TELLINELLA** v. *Tellina*.
TELLINOMIA [Tellinidae].
 ——— *can dens.* Sardeson, F. W. 498.
 ——— *lepida.* Sardeson, F. W. 498.
TEREDINA [Pholadidae].
 ——— *opalina.* Gürich, G. 215.
TIVELA [Veneridae].
 ——— *trigona.* Borchert, A. 72.
TOTCASIA [Chamidae].
 ——— *steinmanni.* Schnarrenberger, C. 510.
UNICARDIUM [Unicardiidae].
 ——— *ellipticum.* Böhm, J. 66.
 ——— *minus.* Böhm, J. 66.
UNIO [Unionidae].
 ——— *aff. flabellatus* Goldf. Zinn-dorf, J. 670.
VENERICARDIA [Carditidae].
 ——— *crassicosta.* Borchert, A. 72.
VENUS [Veneridae].
 ——— *burmeisteri.* Borchert, A. 72.
 ——— *paranensis.* Borchert, A. 72.
 ——— *protollexuosa.* Noetling, F. 390.
VERTICORDIA [Verticordiidae].
 ——— *excavata.* Pritchard, G. B. 455.
VULSELLA [Aviculidae].
 ——— *lingua-tigris.* Noetling, F. 390.
- BRACHYLEPAS** n. gen. [Cirripedia].
 Woodward, H. 649.
 ——— *cretacea.* Woodward, H. 649.
CALAPPA [Decapoda].
 ——— *protopustulosa.* Noetling, F. 390.
EBALIA [Decapoda].
 ——— *tuberculata.* Noetling, F. 390.
ERYMA [Decapoda].
 ——— *authelini.* Méchin, A. 350.
 ——— *gaiffei.* Méchin, A. 350.
 ——— *lemairei.* Méchin, A. 350.
 ——— *nicklesi.* Méchin, A. 350.
ESTHERIA [Phyllopoða].
 ——— *anomala.* Jones, T. R. 254.
LEPERDITIA [Ostracoda].
 ——— *elongata.* Peetz, H. v. 425.
 ——— *salatrica.* Peetz, H. v. 425.
POLLICIPES [Cirripedia].
 ——— [?] *lotharingicus.* Méchin, A. 349.

2831 XIPHOSURA, EURIPTERIDA, TRILOBITA.

EURIPTERIDA.

- STRABOPS** n. gen., Beecher, C. E. 52.
 ——— *thacheri.* Beecher, C. E. 52.

TRILOBITA.

- BRONTEUS** [Bronteidae].
 ——— *elegans.* Peetz, H. v. 425.
CRASPEDARGES n. subgen.
 Gürich, G. 215.
 ——— *willcanniae.* Gürich, G. 215.
OLENELLUS [Olenidae].
 ——— *walcottanus.* Wanner, A. 614.
PARADOXIDES [Olenidae].
 ——— *mediterraneus.* Pompeckj, J. F.

SCAPHOPODA.

- DENTALIUM.**
 ——— *böttgeri.* Noetling, F. 390.

2431 ARTHROPODA, INCLUDING INSECTA.

- PENTATOMA** [Pentatomidae].
 ——— *kinkelini.* Breddin, G. 82.

2631 CRUSTACEA.

- BETRICHIA** [Ostracoda].
 ——— *kirkbyana.* Jones, T. R. 254.

PHACOPS [Phacopidae].

- *brevissimus*. Drevermann,
F. 150.
- *sulcatus*. Drevermann, F.
150.
- (*Trimercephalus* ?) *lotzi*.
Drevermann, F. 150.
- (*Trimercephalus* ?) *miserrimus*.
Drevermann, F. 150.

PROETUS [Proetidae].

- ? *carintiacus*. Drevermann,
F. 150.
- ? *dillensis*. Drevermann, F.
150.

Trimercephalus. v. *Phacops*.

3031 ARACHNIDA.**ANTHRAGOMARTUS [Opiliones].**

- *palatinus*. Ammon, L. v.

EOTROGULUS [Opiliones].

- *fayoli*. Thévenin, A. 578.

NEMASTOMOIDES.

- *elaveris*. Thévenin, A. 578.

NOTHRUS [Acari].

- *maximus*. Trägårdh, I. 588.

5431 PISCES.**AMIA [Amiidae].**

- *robusta*. Priem, F. 454.

COELACANTHOPSIS n. gen. [Coelacanthidae].

- *curta*. Traquair, R. H. 590.

EPHIPPIITES n. gen. [Acanthopteri].

- Ammon, L. v. 18.
- *peissenbergensis*, Ammon,
L. v. 18.

EUCENTRURUS n. gen. Traquair, R. H. 590.

- *paradoxus*. Traquair, R. H.
590.

EUCTENODOPSIS n. gen. Wellburn, E. 621.

- *tenuis*. Wellburn, E. 621.

LEUCISCUS [Cyprinidae].

- *turneri*. Lucas, F. A. 318.

MESODON [Pycnodontidae].

- *bouchardi*. Sauvage, H. E.
500.
- *lennieri*. Sauvage, H. E.
500.

MESODON [Pycnodontidae].

- *rigauxi*. Sauvage, H. E. 500.
- *simulans*. Sauvage, H. E. 500.

NUMMOPALATUS [Labridae].

- *paucidens*. Priem, F. 454.
- *vaillantii*. Priem, F. 454.

OXYRHINA [Lamnidae].

- *pagoda*. Noetling F. 390.

PELECORAPIS [Scombridae].

- *microlepis*. Cragin, F. W.
122.

PSEPHODUS.

- *minutus*. Wellburn, E. D. 621.

SPHENACANTHUS.

- *fifensis*. Traquair, R. H. 590.

SQUATINA [Squatinidae].

- *gaudryi*. Priem, F. 454.

5631 REPTILIA AND BATRACHIA.**REPTILIA.****CLYDASTES [Pythonomorpha].**

- (?) *lutugini*. Jakolev, N. 244.

GIGANTOPHIS n. gen. [Ophidia].

- Andrews, C. W. 23.
- *garstini*. Andrews, C. W. 23.

MOERIOPHIS n. gen. [Ophidia].

- Andrews, C. W. 23.
- *schweinfurthi*. Andrews, C.
W. 23.

PALAEOPYTHON [Ophidia].

- *sardus*. Portis, A. 447.

PORTHOCELYS n. gen. [Chelonia].

- Williston, S. W. 639.
- *laticeps*. Williston, S. W.
639.

PROCYCLANORBIS [Chelonia].

- *sardus*. Portis, A. 446.

STEGOSAURUS [Dinosauria].

- *marshi*. Lucas, F. A. 319.

STEREOGENYS n. gen. [Chelonia].

- Andrews, C. W. 23.

THALATTOSUCHIA n. gen. [Crocodilia].

- Fraas, E. 179.

6031 MAMMALIA.**AELUROTHERIUM [Carnivora].**

- *bicuspis*, Wortmann, J. L.
656.

- ASTECAMELUS** n. gen. [Artiodactyla].
Matthew, W. D. 347.
- AMPHICTON** [Carnivora].
——— *americanus*. Wortmann, J. 656.
- ANPLOTHERIUM** [Artiodactyla].
——— *birmanicum*. Noetling, F. 390.
- BRADYTHERIUM** [Edentata].
——— *madagascariense*. Grandidier, G. 204.
- EQTUS** [Perissodactyla].
——— *giganteus*. Gidley, J. W. 197.
- EPOREODON** [Artiodactyla].
——— *major* var. *cadrensis* n. var. Matthew, W. D. 347.
- HARPAGOLESTES** n. gen. [Carnivora].
——— *Wortmanni*, J. L. 656.
——— *macrocephalus*. Wortmann, J. L. 656.
- LEPTOCHOERTS** [Artiodactyla].
——— *quadricuspis*. Hatcher, J. B. 221.
- MERYCOCHOERUS** [Artiodactyla].
——— *altiramus*. Douglass, E. 148.
——— *elrodi*. Douglass, E. 148.
——— *compressidens*. Douglas, E. 148.
——— *madisonius*. Douglass, E. 148.
——— (?) *obliquidens* (?) Douglass, E. 148.
- MUSTELA** [Carnivora].
——— *oxygie*. Matthew, W. D. 347.
- NEOVULPAVUS** n. gen. [Carnivora].
——— *Wortmanni*, J. L. 656.
——— *washakius*. Wortmann, J. L. 656.
- OODECTES** n. gen. [Carnivora]. Wortmann, J. L. 656.
——— *herpestoides*. Wortmann, J. L. 656.
- PALAEOMASTODON** n. gen. [Proboscidea]. Andrews, C. W. 23.
- PALAEOSINOPA** n. gen. [Carnivora].
Matthew, W. D. 346.
——— *veterrima*. Matthew, W. D. 346.
- PROSCALOPS** n. gen. [Insectivora].
Matthew, W. D. 347.
——— *miocaenus*. Matthew, W. D. 347.
- PROTAPIRUS** [Perissodactyla].
——— *robustus*. Sinclair, W. J. 542.
- PROTOMERYX** [Artiodactyla].
——— *campester*. Matthew, W. D. 347.
- SOREX** [Insectivora].
——— *kinkelini*. Zinndorf, J. 670.
- TRIGONIAS** [Perissodactyla].
——— *osborni*. Lucas, F. A. 316.
- VIVERRAVUS** [Carnivora].
——— *minutus*. Wortmann, J. L. 656.
- VULPAVUS** [Carnivora].
——— *hargeri*. Wortman, J. L. 656.

PALÆOBOTANY.

A. STRATIGRAPHICAL CLASSIFICATION.

35 GENERAL, INCLUDING
STRATA OF UNKNOWN AGE.35.5000 GENERAL PALÆO-
BOTANY.

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35.6700 *VASCULAR CRYPTO-GAMS.*

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50.5000 GENERAL PALÆO-BOTANY.

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50.7400 ALGAE.

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55.5000 GENERAL PALÆO-BOTANY.

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55.6500 GYMNOSPERMS.

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55.7400 ALGÆ AND SCHIZOPHYCEÆ.**ie New South Wales.**

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65 TRIASSIC.**65.5000 GENERAL PALÆO-BOTANY.****gf United States as a whole.**

Seward, A[ibert] [Charles]. Floras of the past. [A review of the "status of the Mesozoic floras of the United States." The older Mesozoic, by Lester F. Ward, and others, extracted from the Ann. Rep. U.S. Geol. Survey, 20]. Nature, London, 64, 1901, (633-634). [M 5000 8000 gf].

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Gould, Charles Newton. Notes on the fossils from the Kansas-Oklahoma Redbeds. Chicago, Ill., J. Geol. Univ. Chic., 9, 1901, (337-340). [55.0231 gi 55.5000 gi 65.0231 gi].

65.6000 MONOCOTYLEDONS.*de* **British Islands.**

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Seward, A. C. A chapter in Plant-Evolution: Jurassic Floras shewn in the relation of the Rhaetic to the Wealden floras. London, Rep. Brit. Ass., 1901, (856); [abstract] Nature, London, 64, 1901, (618). [70.5000 75.5000 0200 M 4400].

db **Russia in Europe.**

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gf **United States as a whole.**

Seward, A[ibert] C[harles]. Floras of the past. [A review of the "status of the Mesozoic floras of the United States." The older Mesozoic, by Lester F. Ward, and others. Extracted from the Ann. Rep. U.S. Geol. Survey, 20]. Nature, London, 64, 1901, (633-634). [65.5000 *gf* M 5000 8000].

70.6500 GYMNOSPERMS.

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Seward, A[ibert] C[harles]. On the structure and origin of jet [from coniferous wood]. London, Rep. Brit. Ass., 1901, (856); [abstract], London, J. Soc. Arts, 49, 1901, (796); cf. Nature, London, 64, 1901, (613). [35.6500 M 6500].

df **France and Corsica.**

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75 CRETACEOUS.**75.5000 GENERAL PALÆC-
BOTANY.**

Seward, A[ibert] C[harles]. A chapter in plant-evolution: Jurassic floras shewn in the relation of the Rhaetic to the Wealden floras. London, Rep. Brit. Ass., 1901, (856); [abstract] Nature, London, 64, 1901, (618). [65.5000 70.5000 0200 M 4400].

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gi **Western United States, West of Mississippi.**

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**75.6700 VASCULAR CRYPTO-
GAMS.***de* **German Empire.**

Richter, [P.]. Ueber Pflanzen aus dem Neocom des Langenberges bei Quedlinburg. Berlin, Zs. D. geol. Ges., 53, 1901, Verhandl., (20-22). [M 6700].

**75.7400 ALGÆ AND SCHIZO-
PHYCÆÆ.***id* **Queensland.**

Dun, W[illiam] S[utherland], David, J[annet] W[illiam] E[dgeworth]; and Rands, W. H. Note on the occurrence of diatoms, radiolaria, and infusoria in the Rolling Downs formation (Lower Cretaceous), Queensland. Sydney, Proc. Linn. Soc. N.S.W., 26, 1901, (299-309, 3 pls.). [75.0431 *id*].

**85 LOWER CENOZOIC
(Eocene, Oligocene.)****85.5000 GENERAL PALÆO-
BOTANY.***de* **German Empire.**

Zinndorf, Jakob. Mitteilungen über die Baugrube des Offenbacher Hafens. Ein Beitrag zur geologischen und palæontologischen Kenntniss der Cyrenmergelschichten im nord-östlichen Teile des Mainzer Beckens, nebst einem Fundbericht über bearbeitete Baumstämme aus præhistorischer Zeit. Offenbach, Ber. Ver. Natk., 37-42, 1901, (87-146, mit 4 Taf.). [85.0231 *de* 85.2231 *de* 85.6031 *de* H 85 *de* P 3500 N 0231 M 5000].

de **British Islands.**

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dh **Italy: Sicily and Sardinia.**

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eg **Malay Peninsula with the
Philippines.**

Becker, George H. Report on the geology of the Philippine Islands . . . [with translation] of Ueber Tertiäre Fossilien von den Philippinen, (1895), by K. Martin, [and Bibliography]. Washington, D.C., Dept. Int. Rep. U.S. Geol. Surv., 1901, (3), (493-625, with 3 pls.). [85.0231 *eg* 90.0231 *eg* 90.5000 *eg* H 0030 10 *eg*].

Martin, K. Ueber Tertiäre Fossilien von den Philippinen. English translation by G. H. Becker in Report on the Geology of the Philippine Islands. Washington, D.C. Dept. Int. Rep. U.S. Geol. Surv., 1901, Part 3, (493-625, with pls.). [85.0231 *eg* 90.0231 *eg* 90.5000 *eg*].

**gh South Eastern United States,
East of Mississippi.**

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85.5400 DICOTYLEDONS.

db Russia in Europe.

Palibin, I. Quelques données relatives aux débris végétaux contenus dans les sables blancs et les grès quartzeux de la Russie méridionale. (russ.) S. Peterburg, Bull. Com. Géol., 20, 1901, (447-494, rés. fr. 495-506, av. 2 pl.). [H 85 *db*].

dh Italy: Sicily and Sardinia.

Squinabol, Senofonte. Su alcune filliti eoceniche del Vicentino. Riv. ital. paleont., Bologna, 7, 1901 (69-72, con tav.).

ie Australia as a whole.

Deane, [Henry]. Observations on the Tertiary flora of Australia, with special reference to Ettingshausen's theory of the Tertiary cosmopolitan flora. Part ii. On the venation of leaves and its value in the determination of botanical affinities. Sydney, Proc. Linn. Soc. N.S.W., 25, 1900, [1901], (581-590, 5 pl.).

85.6000 MONOCOTYLEDONS.

de British Islands.

Jones, [Thomas] Rupert. History of the Sarsens. [rootlets] Geol. Mag., London, (Ser. 2), 8, [4], 1901, (54-59; 115-125).

dh Italy: Sicily and Sardinia.

Squinabol, Senofonte. Su alcune filliti eoceniche del Vicentino. Riv. ital. paleont., Bologna, 7, 1901, (69-72, con tav.).

**gg North Eastern United States,
East of Mississippi.**

Hatcher, J. B. *Sabal rigida*; a new species of palm from the Laramie, Pittsburg, Pa., Mem. Carnegie, Mus., 1, 1901, (263-264). [M 6000 *†*].

85.6500 GYMNOSPERMS.

Dahms, Paul. Mineralogische Untersuchungen über Bernstein. VII. Danzig, Schr. natf. Ges., (N. F.), 10, H. 2. 3, 1901, (243-257, mit 1 Taf.). [G 50 D 6500].

dc German Empire.

Dahms, P. Ueber das Vorkommen und die Verwendung des Bernsteins. Zs. prakt. Geol., Berlin, 9, 1901, (201-211). [G 83 H 85].

Hapke, [L.]. Nachtrag zu den Bernsteinfunden. Bremen, Abh. natw. Ver., 15, 1901, (307-310). [M 6500 G 60].

**90 UPPER CENOZOIC.
(MIOCENE, PLIOCENE.)**

**90.5000 GENERAL
PALÆOBOTANY.**

dh Italy: Sicily and Sardinia.

Peola, Paolo. La vegetazione in Piemonte durante l'Era terziaria Riv. fis. mat. sc. nat., Pavia, 1901, (Estr. 1-45). [85.5000 *dh*].

**eg Malay Peninsula with the
Philippines.**

Becker, George H. Report on the geology of the Philippine Islands . . . with translation of "Ueber Tertiäre Fossilien von den Philippinen, (1895)," by K. Martin, and Bibliography. Washington, D.C. Dept. Int. Rep. U.S. Geol. Surv., 1901, (3), (493-625, with 3 pls.). [85.0231 *eg* 90.0231 *eg* 85.5000 H 0030. 10].

Martin, K. Ueber Tertiäre Fossilien von den Philippinen. English translation by G. H. Becker in "Report on the Geology of the Philippine Islands . . ." Washington, D.C., Dept. Int. Rep. U.S. Geol. Surv., 1901, (3), (493-625, with pls.). [85.0231 *eg* 90.0231 *eg* 85.5000 *eg*].

90.6500 GYMNOSPERMS.

dk Austria-Hungary.

Menzel, Paul. Die Gymnospermen der nordböhmischen Braunkohlenformation. Dresden, SitzBer. Isis, **1900**, 1901, (49-69, 85-110, mit 4 Taf.). [M 6500 8000].

gi Western United States, West of Mississippi.

Knowlton, F[rank] H[all]. A fossil nut pine from Idaho. New York, N.Y., Torrey, Torrey Bot. Cl., **1901**, (113-115). [M 6500 8000].

95 PLEISTOCENE AND RECENT.

95.5000 GENERAL PALÆO-BOTANY.

da Scandinavia.

Tolf, R. Exploration of peat mosses in the Province of Örebro, Middle Sweden, in the summer of 1900. (Swedish). Sv. Mosskult. Tidskr., Jönköping, **1901**, (28-35).

db Russia in Europe.

Lindberg, Harald. [Finländische Torfmoore]. (schwedisch). F. Mosskult. Årsb., Helsingfors, **1900**, 1901, (185-257). [95.0231].

dc German Empire.

Beyle, M. Ueber ein altes Torfmoor im hohen Elbufer vor Schulau. Hamburg, Verh. Ver. natw. Unterh., **11**, 1901, (199-205). [95.0231 dc J 27 H 95 dc K 95.0231 dc M 8000].

Drude, Oscar. Die postglaciale Entwicklungsgeschichte der hercynischen Hügelformationen und der montanen Felsflora. Dresden, SitzBer. Isis, **1900**, 1901, (70-84). [M 8000 3700 H 95 dc J 23 dc].

de British Islands.

Bell, A. M. Plants and Coleoptera from a deposit of Pleistocene age at Wolvercote, Oxfordshire. London, Rep. Brit. Ass., **1901**, (645); Geol. Mag., London, (Ser. 2), [4], **8**, 1901, (565). [95.6500 95.2431 de].

Reid, Clement. Further note on the palaeolithic deposits at Hitchin [with list of the seeds and fruits hitherto obtained]. Hertford, Trans. Nat. Hist. Soc., **11**, 1901, (63-64). [M 5000 8000].

Scharff, R[obert] F[ancis]. The Irish flora and the glacial period: a rejoinder. Irish Nat., Dublin, **10**, 1901, (68-99). [M 5000 8000].

Smith, John [of Kilwinning], Thomas Scott, and James Steel. in Elliot, G. F. S. and others. The post-drift fossils of the Clyde drainage area at low levels, (528-545). Brit. Assoc. Fauna of the Clyde Area, 1901. [M 5400 6000 7000 7400].

95.5400 DICOTYLEDONS.

da Scandinavia: Sweden, Norway, Denmark Iceland Faroes.

Tolf, Rob[ert]. Distribution of the Eriophorum peat in Sweden. (Swedish). Sv. Mosskult. Tidskr., Jönköping, **1901**. (38-40).

dc German Empire.

Barfod, H. Die Wassernuss [in Schleswig-Holstein]. Heimat, Kiel, **11**, 1901, (236-243). [M 5400].

de British Islands.

Niven, W. N. On the distribution of certain forest trees in Scotland, as shown by the investigation of post-glacial deposits. London, Rep. Brit. Ass., **1901**, (839-841). [0100].

95.6000 MONOCOTYLEDONS.

de **Scandinavia: Sweden. Norway, Denmark Iceland Faroes.**

Tofr, Rob[ert]. Distribution of the Eriophorum peat in Sweden. (Swedish). Sv. Mosskult. Tidskr., Jönköping, 1901, (38-40).

95.6500 GYMNOSPERMS.

de **British Islands.**

Bell, A. M. Plants and Coleoptera of Pleistocene age from Wolvercote. London, Rep. Brit. Ass., 1901, (645); Geol. Mag., London, (Ser. 2), [4], 8, 1901, (565). [95.5000 *de* 95.2431 *de*].

95.7000 MOSSES AND HEPATICÆ.

de **German Empire.**

Gehseeb, Adalbert. Ueber ein fossiles Laubmoos aus der Umgebung von Fulda. Bot. Centralbl., Cassel, Beihefte, 10, 1901, (125-127). [M 7000 +*].

Rempel, Jos. Ueber die Moose aus der Kulturschicht von Schussenried.

Natur u. Offenb., Münster, 47, 1901, (557-569). [M 7000 8000 P 3600].

95.7400 ALGÆ AND SCHIZOPHYCÆÆ.

de **German Empire.**

Bünke, Wilhelm. Die Diatomeenschichten von Lüneburg, Lauenburg, Boizenburg und Wendisch-Wehningen. Güstrow, Arch. Ver. Natg., 55, 1901, (39-164, mit 1 Taf.); Diss. Rostock. Güstrow (Druck von C. Michael), 1901, (133, mit 1 Taf.). 21 cm. [H 28 *de* M 7400].

dh **Italy: Sicily and Sardinia.**

Corti, Benedetto. Sulle diatomee dell'Olon. Milano, Rend. Ist. lomb., (Ser. 2), 34, 1901, (764-767).

95.7900 PLANTS OF UNASCERTAINED POSITIONS.

de **British Islands.**

Geikie, Sir Archibald. Rediscovery of a tree-trunk embedded in volcanic ash in Mull. Nature, London, 64, 1901, (565).

PALAEOBOTANY.

B. BOTANICAL CLASSIFICATION.

5400 DICOTYLEDONS.

5400.35 GENERAL, INCLUDING
STRATA OF UNKNOWN AGE.

Archihicoria siouxensis.
[Juglandaceae]. Knowlton, F[rank].
H[all]. Washington, D.C., 4, 1901,
(51-52).

Cinnamomum. Staub, M. Math.
Termt. Ert. Budapest, 19, 1901, (417-
433).

Ficoxylon schenki n. nom.
(= *F. cretaceum* Schenk.) Blancken-
horn, Max. Berlin, Zs. D. geol. Ges.,
53, 1901, Aufsätze, (52-132, 307-502,
mit 4 Taf.).

Hydrangea. [Saxifragaceae].
Knowlton, F[rank] H[all]. Plant World,
Washington, D.C., 4, 1901, (73-74).

5400.55 TRIASSIC.

Strobila [Boraginaceae]. Etheridge jr.
Robert. Sydney, Rec. Austr. Mus., 4,
1901, (1-4, pl. 1, 2).

5400.95 PLEISTOCENE AND
RECENT.

Trapa bispinosa. Barfod, H.
Heimat, Kiel, 11, 1901, (236-243).

6000 MONOCOTYLEDONS.

6000.65 TRIASSIC.

Naiadita. [Lycopodeae?]. Sillas,
I. B. J. London, Q. J. Geol. Soc., 57,
1901, (307-312, figs. and pl.).

6000.85 LOWER CAENOZOIC.
(EOCENE, OLIGOCENE.)

[*Sabal rigida* n. sp.] [Palmae].
Hatcher, J. B. Pittsburg, Pa., Mem.
Carnegie Mus., 1, 1901, (263-264).

Stratiotites websteri (Brongn.)
n. gen. [nom]. n. sp. Zinndorf, Jakob.
Offenbach, Ber. Ver. Natk., 37-42, 1901,
(87-146, mit 4 Taf.).

6000.95 PLEISTOCENE AND
RECENT.

Eriophorum. [Cyperaceae]. Tolf,
Robert. Sv. Mosskult. Tidskr., Jön-
köping, 1901, (38-40).

6500 GYMNOSPERMS.

6500.35 GENERAL, INCLUDING
STRATA OF UNKNOWN AGE.

Aethiotesa, Brongn. [Structure
of seed]. Oliver, F. W. London, Rep.
Brit. Ass., 1901, (851).

Araucarioxylon. Krause, Ernst.
Prometheus, Berlin, 12, 1901, (262-265).

Dadoxylon (North American
species). . . . Penhallow, D. P. Ottawa,
Trans. R. Soc. Can., II, 6, (Sect. IV.),
1901, (51-97, with 6 pl.).

Sequoia. [Coniferae].
Knowlton, F[rank] H[all]. Plant World,
Washington, D.C., 4, 1901, (111).

Stephanospermum, Brongn.
[Structure of seed]. Oliver, F. W.
London, Rep. Brit. Ass., 1901, (851).

6500.55 UPPER PALAEOZOIC.

Whittleseya. White, D. Ottawa
Nat., 15, 1901, (98-110).

6500.65 TRIASSIC.

Pagiophyllum. [Coniferae].
Schütze, E. Stuttgart, Jahreshefte Ver.
Natk., 57, 1901, (240-274, mit 5 Taf.).

Voltzia. [Coniferae]. **Schütt**, E. Stuttgart, Jahreshfte Ver. Natk., **57**, 1901, (240-274, mit 5 Taf.).

Widdringtonites. [Coniferae]. **Schütt**, E. Stuttgart, Jahreshfte Ver. Natk., **57**, 1901, (240-274, mit 5 Taf.).

6500.70 JURASSIC.

Zamites. [Cycadaceae] infraoöliticus. n. sp. **Huene**, F. von. N. Jahrb. Min., Stuttgart, **1901**, **1**, (1-8, mit 2 Taf.).

6500.90 UPPER CAENOZOIC. (MIOCENE, PLIOCENE).

Athrotaxidium. [Coniferae] *bibilinicum*, n. sp. **Menzel**, Paul. Dresden, SitzBer. Isis, **1900**, 1901, (49-69, 85-110, mit 4 Taf.).

Pinus. [Coniferae]. n. spp. **Menzel**, Paul. Dresden, SitzBer. Isis, **1900**, 1901, (49-69, 85-110, mit 4 Taf.).

—— [Coniferae] *lindgrenii* n. sp. **Knowlton**, F[rank] H[all]. New York, N.Y., *Torreya*. *Torrey Bot. Cl.*, **1**, 1901, (113-115).

6500.95 PLEISTOCENE AND RECENT.

Taxus. [Coniferae] [Yew-wood fossil]. **Newton**, E. T. *Geol. Mag.*, London, (ser. 2), [4], **9**, 1902, (48).

6700 VASCULAR CRYPTO-GAMS.

6700.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Dipteris. [Dipteridinae]. **Seward**, A. C. and Dale, Elizabeth. London, *Proc. R. Soc.*, **68**, 1901, (373-374).

Equisetum. **Gwynne-Vaughan**, D. T. London, *Rep. Brit. Ass.*, **1901**, (850).

Lepidophloios. **Bennie**, James. Glasgow, *Trans. Geol. Soc.*, **11**, (2), 1900, [1901], (263, 264).

Todea . . . anatomy of. [Osmundaceae]. **Seward**, A. C. and Ford, S. O. *Geol. Mag.*, London, (ser. 2), [4], **8**, 1901, (564); London, *Rep. Brit. Ass.*, 1901, (847); [Abstract.] *Nature*, London, **64**, 1901, (617).

(x-4166)

6700.55 UPPER PALAEOZOIC.

Archaeosigillaria vanuxemi (Göpp.) **Kidston**, R. Glasgow, *Trans. Nat. Hist. Soc.*, **6**, (1), 1901, (38, 39).

Calamites Jeffery, E. C. *Ann. Bot.*, Oxford, **15**, 1901, (135-146, pl. 2).

—— *pettycurensis*. **Scott**, D. H. London, *Rep. Brit. Ass.*, **1901**, (849); *Nature*, London, **64**, 1901, (617); *Ann. Bot.*, Oxford, **15**, 1901, (773-774).

Cladophlebis roylei. **Arber**, E. A. N. *Geol. Mag.*, London, (Ser. 2), **8**, [4], 1901, (548).

Lepidocarpon. [Restiaceae]. **Scott**, D. H. London, *Proc. R. Soc.*, **68**, 1901, (117).

Lepidodendron. **Weiss**, F. E. Manchester, *Mem. Lit. Phil. Soc.*, **45**, (3), 1901, no. 7, (22, with 2 pl.).

Lepidophloios. **Weiss**, F. E. Manchester, *Mem. Lit. Phil. Soc.*, **45**, (3), 1901, no. 7, (22, with 2 pl.).

Lycopodites. [Solanaceae]. *ciliatus*. **Kidston**, R. Glasgow, *Trans. Nat. Hist. Soc.*, **6**, (1), 1901, (37).

6700.65 TRIASSIC.

... *Naiadita* [lanceolata, Buckman; a suggested Lycopod]. **Sollas**, Igerna B. J. London, *Q. J. Geol. Soc.*, **57**, 1901, (307-312, with pl. and figs.).

6700.75 CRETACEOUS.

Hausmannia dichotoma. **Richter**, [P.]. Berlin, *Zs. D. geol. Geo.*, **53**, 1901, *Verhandl.*, (20-23).

Kohlmannopteris insignis. **Richter**, [P.]. Berlin, *Zs. D. geol. Ges.*, **53**, 1901, *Verhandl.*, (20-22).

Weichselia ludovicæ. **Richter**, [P.]. Berlin, *Zs. D. geol. Ges.*, **53**, 1901, *Verhandl.*, (20-22).

7000 MOSSES AND HEPATICAE.

7000.95 PLEISTOCENE AND RECENT.

Hypnum [Hypnaceae] *fluitans* L., forma fossilis. **Geeheeb**, Adalbert. *Bot. Centralbl.*, Cassel, *Beihefte*, **10**, 1901, (125-127).

**7400 ALGAE AND SCHIZO-
PHYCEAE.**

**7400.35 GENERAL, INCLUDING
STRATA OF UNKNOWN AGE.**

Melobesien . . . Foote, M.
Trondhjem, kgl. Vid. selsk. Skr., 1901,
No. 2, 1901, (28).

7400.50 LOWER PALAEOZOIC.

Bilobites sardoa, Mgh.
Giarpi, B. Proc. Verb. tosc. sc. Nat.,
Pisa, 1, 1901, (223-227).

**7400.95 PLEISTOCENE AND
RECENT.**

Fragilaria construens (Ehrb.)
Grun. var. amphitetras. n. sp. Bunte,
Wilhelm. Güstrow, Arch. Ver. Natg.,
55, 1901, (39-164, mit 1 Taf.).

**7900 PLANTS OF UNASCE-
TAINED POSITION.**

**7900.35 GENERAL, INCLUDING
STRATA OF UNKNOWN AGE.**

Adelophyton jutieri gen. et
sp. n. Renault, B. Paris, C.-R. Acad.
sci., 132, 1901, (268-269).

LISTS OF NEW GENERA AND SPECIES.

6000 MONOCOTYLEDONS.

- SARAL [Palmae].
 ——— *rigida*. Hatcher, J. B. 222.
 STRATIOTITES n. gen. Zinnendorf, J. 670.
 ——— *websteri* (Brogn.). Zinnendorf, J. 670.

6500 GYMNOSPERMS.

- ATHROTAXIDUM [Coniferae].
 ——— *bilanicum*. Menzel, P. 354.
 PINUS [Coniferae].
 ——— *engelhardtii*. Menzel, P. 354.
 ——— *horrida*. Menzel, P. 354.
 ——— *laricioides*. Menzel, P. 354.
 ——— *lindgrenii*. Knowlton, F. H. 283.
 ZAMITES [Cycadaceae].
 ——— *infra-ooliticus*. Huene, F. v.

6700 VASCULAR CRYPTOGAMS.

- ARCHAEOSIGILLARIA [Lycopodiales].
 ——— *vanuxemi* Kidston, Robert.
 (syn. *Sigillaria*, Goepp.,
Lycopodites, Kidston).
 CALAMITES [Equisetales].
 ——— *pettycurensis*. Scott, D. H. 517.
 LYCOPODITES [Lycopodiales].
 ——— *ciliatus*. Kidston, R. 270.

7400 ALGÆ AND SCHIZOPHYCEÆ.

- FRAGILARIA [Diatomaceae].
 ——— *construens* (Ehrb.) Grun. var.
amphitetras n. sp. Bunte,
 W. 87.

7900 PLANTS OF UNASCERTAINED POSITION.

- ADELOPHYTON n. gen. [Incertae sedis].
 Renault, B.
 ——— *jutieri*. Renault, B.

ALPHABETICAL LIST OF NAMES OF NEW SPECIES, VARIETIES AND GENERA.

(The names of New Genera are in *italics*.)

- | | | | |
|-------------------|---|--------------|--|
| Abbreviata | Alaria ; Schlosser, M. 502. | Amphitetras | n. var. <i>Fragilaria construens</i> ; Bunte, W. 87. |
| Aerothyra | n. gen. Matthew, G. F. 342. | Amplexa | Aulopora ; Rowley, R. R. 483. |
| Actaeonelliformis | Itieria ; Schnarrenberger, C. 510. | Ampulla | Corbulipora ; Maplestone, C. M. 333. |
| Acuminata | Athyris ; Drevermann, F. 150. | Amygdaloides | Dione ; Noetling, F. 390. |
| Acuta | Himeraelites ; Schnarrenberger, C. 510. | Anathyris | n. subgen. Peetz, H. v. 425. |
| Acuticauda | Leda ; Pritchard, G. B. 455. | Angusta | Cornuspira ; Friedberg, W. 183. |
| Alelophyton | n. gen. Renault, B. 466 | Annulatum | Cyathophyllum ; Peetz, H. v. 425. |
| Aegyptiaca | Melanopsis ; Blanckenhorn, M. 62. | Anomala | Easteria ; Jones, T. R. 254. |
| Articamelus | n. gen. Matthew, W. D. 347. | Anthonensis | Scenidium ; Sardeson, F. W. 498. |
| Affinis | Lorica ; Ashby, E. and Torr, W. G. 31. | Apenninica | Delphinula ; Scharrenberger, C. 510. |
| Airensis | Lepralia ; Maplestone, C. M. 333. | Aquila | Zygospira ; Sardeson, F. W. 498. |
| Alcockianus | Ceratotrochus ; Noetling, F. 390. | Aquilensis | Lima ; Schnarrenberger, C. 510. |
| Algarvensis | Coelostylina ; Böhm, J. 66. | Aquilensis | Pseudomelania ; Schnarrenberger, C. 510. |
| Algarvensis | Neritopsis ; Böhm, J. 66. | Archiacana | v. d'archiacana. |
| Alleganius | Lepidodiscus ; Clarke, J. M. 109. | Arrakanensis | Dione ; Noetling, F. 390. |
| Alleni | Axophyllum ; Rowley, R. R. 483. | Atava | Monogerina ; Spandel, E. 559. |
| Alta | Scurria ; Schnarrenberger, C. 510. | Aucellina | n. gen. Pompeckj, J. F. 443. |
| Altiramus | Merycochoerus ; Douglass, E. 148. | Authelini | Eryma ; Méchin, A. 350. |
| Americanus | Amphicyon ; Wortmann, J. 656. | Avaënis | Conus ; Noetling, F. 390. |
| Ammonoides | Trochammina ; Grzybowski, J. 213, 214. | Avaënsis | Leda ; Noetling, F. 390. |
| Affiniformis | Turritella ; Noetling, F. 390. | Aviculifera | Membranipora ; Maplestone, C. M. 333. |
| | | Balcombei | Modiolaria ; Pritchard, G. B. 455 |
| | | Baltica | Leptophyllia ; Hennig, A. 227. |
| | | Basedowi | Tellina ; Basedow, H. 37. |

- Bateschati Spirifer; Peetz, H. v. 425.
 Bavardi Strombus; Borchert, A. 72.
 Beecheri Agelacrinites; Clarke, J. M. 109.
 Bellis Membranipora; Maplestone, C. M. 333.
 Bennetti Cyrtolites; Rowley, R. R. 483.
 Bernensis Camarella; Sardeson, F. W. 498.
 Beuhauseni Conocardium; Drevermann, F. 150.
 Bicensis Obolus; Walcott, C. D. 610.
 Bicia n. gen. Walcott, C. D. 610.
 Bicuspis Aleurotherium; Wortmann, J. L. 656.
 Bilinicum Athrotaxidium; Menzel, P. 354.
 Birmanica Leda; Noetling, F. 390.
 Birmanica Xenophora; Noetling, F. 390.
 Birmanicum Anoplotherium; Noetling, F. 390.
 Blanfordianus Pholas; Noetling, F. 390.
 Böhmii Glauconia; Schnarrenberger, C. 510.
 Boettgeri Ancylus; Zinndorf, J. 670.
 Boettgeri Dentalium; Noetling, F. 390.
 Bornemannii Obolus; Walcott, C. D. 610.
 Bouchardi Mesodon; Sauvage, H. E. 500.
 Brachylepas n. gen. Woodward, H. 649.
 Bradyi Dentalina; Spandel, E. 559.
 Brasiliana Oliva; Borchert, A. 72.
 Bravardi Calliostoma; Borchert, A. 72.
 Brevisissimus Phacops; Drevermann, F. 150.
 Brusnitzini Favosites; Peetz, H. v. 425.
 Buddhaica Modiola; Noetling, F. 390.
 Burckhardti Pleurotomaria; Schlosser, M. 502.
 Burlingtonensis Chonetes; Weller, S. 622.
 Burmeisteri Venus; Borchert, A. 72.
 Buttsi Agelacrinites; Clarke, J. M. 109.
 Cadrensis n. var. Eporeodon major; Matthew, W. D. 347.
 Calopora Lepralia; Maplestone, C. M. 333.
 Camoënsi Pteroperna; Böhm, J. 66.
 Campester Protomeryx; Matthew, W. D. 347.
 Candens Tellinomia; Sardeson, F. W. 498.
 Capellini Avicula; Böhm, J. 66.
 Capulopsis Arca; Pritchard, G. B. 455.
 Carinata Micropora; Maplestone, C. M. 333.
 Carinatus Gennaeocrinus; Wood, E. 641.
 Carintiacus Proetus; Drevermann, F. 150.
 Carpenteroblastus n. gen. Rowley, R. R. 483.
 Casta Oonia; Böhm, J. 66.
 Chelussii Pileolus; Schnarrenberger, C. 510.
 Choffati Coelostylina; Böhm, J. 66.
 Choffati Protocardia; Böhm, J. 66.
 Ciliatus Lycopodites; Kidston, R. 270.
 Cinutiaeformis Actæon; Schlosser, M. 502.
 Circularis Orthothetes; Fliegel, G. 166.
 Clavata Lepralia; Maplestone, C. M. 333.
 Clivosa Pleurotomaria; Sardeson, F. W. 498.
 Clotho Spiroplecta; Grzybowski, J. 213, 214.
 Coarctata Cyllindrobullina; Böhm, J. 66.
 Coelacanthopsis n. gen. Traquair, R. H. 590.
 Complanata Spiroloculina; Grzybowski, J. 213, 214.

- Compressa* Lorica; Ashby, E. and Torr, W. D. 31.
- Compressidens* Merycochoerus; Douglass, E. 148.
- Concavus* Ammodiscus; Spandel, E. 559.
- Concavus* Pecten (Janira); Blanckenhorn, M. 62.
- Concordensis* Discina; Sardeson, F. W. 498.
- Coniforme* Solarium; Noetling, F. 390.
- Conoideus* Lophoblastus; Rowley, R. R. 483.
- Contorta* Modiola; Borchert, A. 72.
- Conversa* Gaudryina; Grzybowski, J. 213, 214.
- Cordiformis* Radiolites; Schnarrenberger, C. 510.
- Curioensis* n. var. Cellaria contigua; Maplestone, C. M. 333.
- Coronata* Rhynconcha; Drevermann, F. 150.
- Corpulenta* Orthis; Sardeson, F. W. 498.
- Costata* Lepralia; Maplestone, C. M. 333.
- Craspeilarges* n. subgen. Gurich, G. 215.
- Crassiceps* Tmaegoceras; Pompeckj, J. F. 444.
- Crassicosta* Venericardia; Borchert, A. 72.
- Crenulata* Itieria; Schnarrenberger, C. 510.
- Cretacea* Brachylepas; Woodward, H. 649.
- Cribosa* Lepralia; Maplestone, C. M. 333.
- Cribrilifera* Macropora; Maplestone, C. M. 333.
- Cromeri* Stereogenys; Andrews, C. W. 23.
- Cuboides* Athyris; Drevermann, F. 150.
- Cuneata* Homomya; Böhm, J. 66.
- Curiei* Trigeria; Rowley, R. R. 483.
- Curta* Coelacanthopsis; Traquair, R. H. 590.
- Cyrenarum* Planorbis; Zinndorf, J. 670.
- Damasi* Spirigera; Fliegel, G. 166.
- D'archiaciana* Lucina; Noetling, F. 390.
- Declivis* Trematrochus; Dennant, J. 139.
- Decorata* Membraniporella; Maplestone, C. M. 333.
- Decortata* Scalaria; Schlosser, M. 502.
- Deflexum* Haplophragmium; Grzybowski, J. 213, 214.
- Deleta* Carinaropsis; Sardeson, F. W. 498.
- Delgadoi* Patella; Böhm, J. 66.
- Derjawini* Schizophoria; Peetz, H. v. 425.
- Deuterokingi* Gari; Noetling, F. 390.
- Dieneri* Crassatella; Noetling, F. 390.
- Dillensis* Proetus; Drevermann, F. 150.
- Dilleri* Pecten; Dall, W. H. 134.
- Discreta* Dendrophyra; Friedberg, W. 183.
- Di-stefanoi* Nerinea; Schnarrenberger, C. 510.
- Draco* Trochammina; Grzybowski, J. 213, 214.
- Dubiosa* Ceritella; Schlosser, M. 502.
- Dubius* Ammodiscus; Grzybowski, J. 213, 214.
- Dubius* Spirorbis; Rowley, R. R. 483.
- Duncanianus* Clypeaster; Noetling, F. 390.
- Eberthii* Pecten; Philippi, E. 433.
- Elaveris* Nemastomoides; Thévenin, A. 578.
- Elegans* Bronteus; Peetz, H. v. 425.
- Elegans* Micropora; Maplestone, C. M. 333.
- Elegantata* Naticopsis; Fliegel, G. 166.
- Elliptica* Melicerita; Maplestone, C. M. 333.
- Ellipticum* Unicardium; Böhm, J. 66.

- Elongata* Leperditia; Peetz, H. v. 425.
- Elrodi* Merycochoerus; Douglass, E. 148.
- Engelhardti* Pinus; Menzel, P. 354.
- Engelii* Cryptoplocus; Geiger, P. 192.
- Entreriana* Natica; Borchert, A. 72.
- Ephippites* n. gen. Ammon, L. v. 18.
- Ephyra* n. gen. Böhm, J. 66.
- Eucentrurus* n. gen. Traquair, R. H. 590.
- Euctenodopsis* n. gen. Wellburn, E.
- Ewaldi* Aptyxiella; Geiger, P. 192.
- Excavata* Verticordia; Pritchard, G. B. 455.
- Excentrica* Macrochilina; Drevermann, F. 150.
- Excentrica* Myalina; Drevermann, F. 150.
- Exilis* Ephyra; Böhm, Joh. 66.
- Explanata* Metoptoma; Sardeson, F. W. 498.
- Exsertum* Tryblidium; Sardeson, F. W. 498.
- Exsulcatus* Solecortus; Noetling, F. 390.
- Fayoli* Eotrogulus; Thévenin, A. 578.
- Fifensis* Sphenacanthus; Traquair, R. H. 590.
- Fissistomata* Spiroloculina; Grzybowski, J. 213, 214.
- Fontinalis* Leda; Pritchard, G. B. 455.
- Fornasinii* Ramulina; Liebus, A. 308.
- Fossicus* Chiton; Ashby, E. and Torr, W. G. 31.
- Fourtani* Pecten (Aequipecten); Blanckenhorn, M. 62.
- Franchii* Corbis; Schnarrenberger, C. 510.
- Frechi* Dalmanella; Fliegel, G. 166.
- Fuggeri* Lucina; Deninger, K. 138.
- Gaiffei* Eryna; Méchin, A. 350.
- Galensis* Conus; Noetling, F. 390.
- Garstini* Gigantophis; Andrews, C. W. 23.
- Gaudryi* Squatina; Pricm, F. 454.
- Gautama* Persona; Noetling, F. 390.
- Gellibrandi* Plaxiphora; Ashby, E. and Torr, W. G. 31.
- Geryonides* Medusina; Huene, F. v. 237.
- Gigantea* Cellaria; Maplestone, C. M. 333.
- Gigantea* Loricella; Ashby, E. und Torr, W. G. 31.
- Giganteus* Equus; Gidley, J. W. 197.
- Gigantophis* n. gen. Andrews, C. W. 23.
- Globulosa* Membranipora; Maplestone, C. M. 333.
- Glyptias* n. subgen. Walcott, C. D. 610.
- Gorlicensis* Anmodiscus; Grzybowski, J. 213, 214.
- Gracilior* Coelostylina; Böhm, J. 66.
- Gracilior* Natica; Noetling, F. 400.
- Gracilis* Cyclammina; Grzybowski, J. 213, 214.
- Gramen* Miliolina; Friedberg, W. 183.
- Grandis* Cellaria; Maplestone, C. M. 333.
- Granulosus* Acanthochites; Ashby, E. and Torr, W. G. 31.
- Greeni* Coleophyllum; Rowley, R. R. 483.
- Gregarius* Chonetes; Weller, S. 622.
- Griesbachiana* Lima; Noetling, F. 390.
- Grimesi* Tellina (Metis); Noetling, F. 390.
- Grunewaldtiaeformis* Atrypa; Peetz, H. v. 425.
- Halli* Crania; Sardeson, F. W. 498.
- Halli* Strophomena; Sardeson, F. W. 498.
- Hanza* Conus; Noetling, F. 390.
- Harger* Vulpavus; Wortmann, J. L. 656.
- Harpagolestes* n. gen. Wortmann, J. L. 656.
- Herpestoides* Oodectes; Wortmann, J. L. 656.

- Horrida* Pinus ; Menzel, P. 354.
Horridum Haplophragmum ; Grzybowski, J. 213, 214.
Hytiformis Ostrea ; Philippi, E. 433.
Incerta Petricola ; Noetling, F. 390.
Inclusa Spiroloculina ; Grzybowski, J. 213, 214.
Indeterminata Turritella ; Borchert, A. 72.
Indifferens Tellina ; Noetling, F. 390.
Inferioris Cerithium ; Schnarrenberger, C. 510.
Infra-ooliticus Zamites ; Huene, F. v. 237.
Ingenua Scalaria ; Schlosser, M. 502.
Inornata Cancellaria ; Noetling, F. 390.
Inostranzewi Dalmanella ; Peetz, H. v. 425.
Inquassa Strophomena ; Sardeson, F. W. 498.
Irradicus Pecten ; Noetling, F. 390.
Irregularis Polymorphina ; Friedberg, W. 183.
Jutieri Adelophyton ; Renault, B. 466.
Karenaica Pleurotoma ; Noetling, F. 390.
Kayseri Clymenia ; Drevermann, F. 150.
Kayseri Pentamerus ; Peetz, H. v. 425.
Kinkelini Pentatoma ; Breddin, G. 82.
Kinkelini Sorex ; Zinndorf, J. 670.
Kirkbyana Beyrichia ; Jones, T. R. 254.
Kitsoni Trematrochus ; Dennant, J. 139.
Kleinii Belemnites ; Gürich, G. 215.
Kodoungensis Cyrena (Batisse) ; Noetling, F. 390.
Koenenianum Calliostoma ; Noetling, F. 390.
Kokenianus Pecten ; Noetling, F. 390.
Kossmati Pleuronautilus ; Diener, C. 142.
Krameri Daemonehelix ; Ammon, L. v. 18.
Krausei Fossarus ; Noetling, Fritz. 390.
Laevigata Gibbula ; Borchert, A. 72.
Lariciodes Pinus ; Menzel, P. 354.
Laticeps Porthochelys ; Williston, S. W. 639.
Leiopleurata Turritella ; Noetling, F. 390.
Lemairei Eryma ; Méchin, A. 350.
Lennieri Mesodon ; Sauvage, H. E. 500.
Lepida Tellinomia ; Sardeson, F. W. 498.
Leptopleurata Scalaria ; Noetling, F. 390.
Liasicus Eustylus ; Schlosser, M. 502.
Ligulata Membranipora ; Maplestone, C. M. 333.
Lindgrenii Pinus ; Knowlton, F. H. 233.
Lindströmi Obolella ; Walcott, C. D. 610.
Lingua-tigris Vulsella ; Noetling, F. 390.
Linnarssoni Obolus ; Walcott, C. D. 610.
Lóczyi Pleuronautilus ; Fliegel, G. 166.
Longi Aulopora ; Rowley, R. R. 483.
Longipes Membranipora ; Maplestone, C. M. 333.
Lophoblastus n. gen. Rowley, R. R. 483.
Lorioliana Basilissa ; Noetling, F. 390.
Lotharingicus Pollicipes ; Méchin, A. 349.
Lotzi Phacops (Trimeroccephalus ?) ; Drevermann, F. 150.
Luculentus Cypricardites ; Sardeson, F. W. 498.
Lunipuncta Micropora ; Maplestone, C. M. 333.
Lusitanica Modiola ; Böhm, J. 66.

- Lutugini Clydastes; Jakolev, N. 244.
 Lydekkeri Turritella; Noetling, F. 390.
 Macrior Orthis; Sardeson, F. W. 498.
 Macrocephalus Harpagolestes; Wortmann, J. L. 656.
 Madagascariense Bradytherium; Grandidier, G. 204.
 Madisonius Merycochoerus; Douglass, E. 148.
 Major n. var. Helix tryonii; Hemphill, H. 226.
 Malvinae Pecten (Aequipecten); Blanckenhorn, M. 62.
 Mamillifera Lepralia; Maplestone, C. M. 333.
 Marginulus Lophoblastus; Rowley, R. R. 483.
 Marshi Stegosaurus; Lucas, F. A. 319.
 Martensi Paludina; Blanckenhorn, M. 62.
 Martiniania Cancellaria; Noetling, F. 390.
 Maximus Nothrus; Trägårdh, I. 588.
 Mediterraneus Paradoxides; Pompeckj, J. F.
 Meisteri Productus; Peetz, H. v. 425.
 Meneghini Obolus; Walcott, C. D. 610.
 Meridionalis Harpax; Böhm, J. 66.
 Merzbacheri Pentacrinus; Ammon, L. v. 16.
 Metabistrigata Arca; Noetling, F. 390.
 Metavulgaris Meiocardia; Noetling, F. 390.
 Microlepis Pelecorapis; Cragin, F. W. 122.
 Minbuense Cardium; Noetling, F. 390.
 Minneapolis Productella; Sardeson, F. W. 498.
 Minnesotensis Cypricardites; Sardeson, F. W. 498.
 Minnesotensis Leptaena; Sardeson, F. W. 498.
 Minnesotensis Orthis; Sardeson, F. W. 498.
 Minnesotensis Rhynchonella; Sardeson, F. W. 498.
 Minor n. var. Helix tryonii; Hemphill, H. 226.
 Minus Unicardium; Böhm, J. 66.
 Minuta Lithophaga; Weller, S. 622.
 Minutus Orthothetes; Cumings, E. R. 127.
 Minutus Pectunculus; Borchert, A. 72.
 Minutus Pséphodus; Wellburn, E. D. 621.
 Minutus Viverravus; Wortmann, J. L. 656.
 Miocaenus Proscalops; Matthews, W. D. 347.
 Mirabilis Trochammina; Friedberg, W. 183.
 Miserrimus Phacops (Trimerorhynchus?); Drevermann, F. 150.
 Mitrata Trochammina; Grzybowski, J. 213, 214.
 Mobergi Obolus; Walcott, C. D. 610.
 Moenans Vertigo; Zinndorf, J. 670.
 Moeriophis n. gen. Andrews, C. W. 23.
 Monilifera Galeodea; Noetling, F. 390.
 Moniliferum Amphiblestrum; Maplestone, C. M. 333.
 Monogerina n. gen. Spandel, E. 559.
 Monteili Noetlingia; Gauthier, V. 190.
 Morningtonensis Limopsis; Pritchard, G. B. 455.
 Mosculata n. color var. Helix tryonii; Hemphill, H. 226.
 Multangularis Scurria; Schuarrenberger, C. 510.
 Multicostata Columbella; Blanckenhorn, M. 62.
 Multiradiata Discina; Dollfus, G. et Dautzenberg, Ph. 147.
 Mulukensis Cytherea; Blanckenhorn, M. 62.
 Munga Clavatus; Noetling, F. 390.

- Myoënsis* Arca (*Anomalocardia*); Noetling, F. 390.
Natensis Gari; Noetling, F. 390.
Neacolubrinus Triton; Noetling, F. 390.
Neasquamosa Lucina; Noetling, F. 390.
Neastriatulus Triton; Noetling, F. 390.
Neavolutella Cancellaria; Noetling, F. 390.
Neostroma n. gen. Tornquist, A. 585.
Neovulpavus n. gen. Wortmann, J. L. 656.
Nesterowakii Microplasma; Peetz, H. v. 425.
Nicklesi Eryma; Méchin, A. 350.
Nikitini Pleurotomaria; Fliegel, G. 166.
Nitens Solarium; Noetling, F. 390.
Nitidum Amphiblestrum; Maplestone, C. M. 333.
Nodosariformis Monogerina; Spandel, E. 559.
Nodulifera Voluta; Borchert, A. 72.
Obliqua Pleurotomaria; Fliegel, G. 166.
Obliquidens Merycochoerus; Douglass, E. 148.
Obtusa Conchopeltis; Sardeson, F. W. 498.
Occulta Spiroloculina; Grzybowski, J. 213, 214.
Ogygie Mustela; Matthew, W. D. 347.
Oldhamiana Arca (*Anomalocardia*); Noetling, F. 390.
Oligocaenicum Punctum; Zinndorf, J. 670.
Oodectes n. gen. Wortmann, J. L. 656.
Opalina Teredina; Gürich, G. 215.
Orientalis Orthoceras; Fliegel, G. 166.
Ornata Pholas; Borchert, A. 72.
Osborni Trigonias; Lucas, F. A. 316.
Ovaticella n. gen. Maplestone, C. M. 333.
Ovatum Amphibastrum; Maplestone, C. W. 333.
Ovuloides Rheophax; Grzybowski, J. 213, 214.
Owatonnensis Camarella; Sardeson, F. W. 498.
Padangensis Murchisonia; Fliegel, G. 166.
Pagana Lucina; Noetling, F. 390.
Pagoda Oxyrhina; Noetling, F. 390.
Palaeomastodon n. gen. Andrews, C. W. 23.
Palaeosinopa n. gen. Matthew, W. D. 346.
Palatinus Anthracomartus; Ammon, L. v. 17.
Papyracea Ostrea; Noetling, F. 390.
Paradoxus Eucentrurus; Traquair, R. H. 590.
Paranensis Cardita; Borchert, A. 72.
Paranensis Crepidula; Borchert, A. 72.
Paranensis Littorina; Borchert, A. 72.
Paranensis Trophon; Borchert, A. 72.
Paranensis Venus; Borchert, A. 72.
Paronai Cerithium; Schnarrenberger, C. 510.
Partipunctata Lepralia; Maplestone, C. M. 333.
Partita Tancredia; Böhm, J. 66.
Paucidens Nummopalatus; Priem, F. 454.
Pauciplicata Camarotoechia; Wood, E. 641.
Paucipustulosus Chiton; Ashby, E. and Torr, W. G. 31.
Pediculus Dielasma; Rowley, R. R. 483.
Peguensis Ostrea; Noetling, F. 390.
Peissenbergensis Ehippites; Ammon, L. v. 18.
Pentagonus Carpenteroblastus; Rowley, R. R. 483.
Percrassa Isocyprina; Böhm, J. 66.
Perundosa Holopea; Sardeson, F. W. 498.

- Petrae* Orthis; Sardeson, F. W. 498
Pettycurensis Calamites; Scott, D. H. 517.
Phalera Carinaropsis; Sardeson, F. W. 498.
Phayreiana Nucula; Noetling, F. 390.
Planicostata Cardita; Noetling, F. 390.
Planulatum Amphiblestrum; Maplestone, C. M. 333.
Platensis Diplodonta; Borchert, A. 72.
Polenowi Alveolites; Peetz, H. v. 425.
Polenowi Avicula; Peetz, H. v. 425.
Politus Orthothetes; Fliegel, G. 166.
Porcellana Membranipora; Maplestone, C. M. 333.
Porthochelys n. gen. Williston, S. W. 639.
Postcarbonica Geinitzina; Spandel, E. 559.
Postcarbonica Nodosaria; Spandel, E. 559.
Praecosis Leptaena; Sardeson, F. W. 498.
Praematurus Prodromites; Smith, J. P. 543.
Praerupta Isocyprina; Böhm, J. 66.
Praerupta Modiola; Pritchard, G. B. 455.
Procera Leptopora; Rowley, R. R. 483.
Prodromites n. gen. Smith, J. P. 543.
Promensis Drillia; Noetling, F. 390.
Promensis Ostrea; Noetling, F. 390.
Proscalops n. gen. Matthew, W. D. 347.
Protocandida Tellina; Noetling, F. 390.
Protocincta Drillia; Noetling, F. 390.
Protoconcomerata Cucullaea; Noetling, F. 390.
Protodorsuosa Torinia; Noetling, F. 390.
Protoduplicatum Terebrum; Noetling, F. 390.
Protoflexuosa Venus; Noetling, F. 390.
Protofurvus Conus; Noetling, F. 390.
ProtoInterrupta Drillia; Noetling, F. 390.
Protojaponica Semicassis; Noetling, F. 390.
Protojuvenilis Dosinia; Noetling, F. 390.
Protokingi Gari; Noetling, F. 390.
Protolilacina Dione; Noetling, F. 390.
Protolirata Tapes; Noetling, F. 390.
Protomonilifera Turcica; Noetling, F. 390.
Protomyuros Strioterebrum; Noetling, F. 390.
Protonodifera Clavatula; Noetling, F. 390.
Protophilippinarum Dione; Noetling, F. 390.
Protopustulosa Calappa; Noetling, F. 390.
Protoreevesi Mactra; Noetling, F. 390.
Protosenatorius Pecten; Noetling, F. 390.
Protosquamosa Lima; Noetling, F. 390.
Protostriatula Tellina; Noetling, F. 390.
Protosubrugosum Cardium; Noetling, F. 390.
Prototortuosum Parallelipipedum; Noetling, F. 390.
Prototruncata Corbula; Noetling, F. 390.
Prototubercularis Ranella; Noetling, F. 390.
Protovariegata Cardita (Mytilocardia); Noetling, F. 390.
Protovulgaris Meiocardia; Noetling, F. 390.
Protozeylanica Eburna; Noetling, F. 390.

- Pseudobucephala* Pyrula; Noetling, F. 390.
Pseudobuddhaica Modiola; Noetling, F. 390.
Pseudocancellata Cancellaria; Noetling, F. 390.
Pseudodiclasma Spirigera; Fliegel, G. 166.
Pseudobilli Tellina (Tellinella); Noetling, F. 390.
Pseudoscalaris Delphinula; Schnarrenberger, C. 510.
Pueblensis Modiola; Pritchard, G. B. 455.
Puelchanum Calliostoma; Borchert, A. 72.
Punctatulum Calliostoma; Borchert, A. 72.
Quadratipunctata Lepralia; Maplestone, C. M. 333.
Quadricuspis Leptochoerus; Hatcher, J. B. 221.
Quadridentata Helix; Blanckenhorn, M. 62.
Quenstedti Aptxyxiella; Geiger, P. 192.
Quenstedti Cypricardites; Schlosser, M. 502.
Quenstedti Turritella; Schlosser, M. 502.
Radiata Lepralia; Maplestone, C. M. 333.
Radigerus Amplexus; Rowley, R. R. 483.
Ramosa Leptopora; Rowley, R. R. 483.
Randomensis Obolus; Walcott, C. D. 610.
Recendens Leptaena; Sardeson, F. W. 498.
Recta Crania; Wood, E. 642.
Rectangularis Purpura; Blanckenhorn, M. 62.
Rectangularis Spirifer; Peetz, H. v. 425.
Regularis Carditella; Pritchard, G. B. 455.
Regularis Membranipora; Maplestone, C. M. 333.
Reisi Lucina; Deninger, K. 138.
Richthofeni Pinna; Fliegel, G. 166.
Rigauxi Mesodon; Sauvage, H. E. 500.
Rigida Sabal; Hatcher, J. B. 222.
Ringens Voluta; Noetling, F. 390.
Robusta Amia; Priem, F. 454.
Robustus Protapirus; Sinclair, W. J. 542.
Rostratus Acanthocites; Ashby, E. and Torr, W. G. 31.
Rugata Orthis; Sardeson, F. W. 498.
Rugatus Obolus; Walcott, C. D. 610.
Rugosa Membraniporella; Maplestone, C. M. 333.
Rugosa Microporella; Maplestone, C. M. 333.
Salatrica Atrypa; Peetz, H. v. 425.
Salatrica Leperditia; Peetz, H. v. 425.
Salatrica Retzia; Peetz, H. v. 425.
Salatricum Cystiphyllum; Peetz, H. v. 425.
Sancta Rhynchonella; Sardeson, F. W. 498.
Sti. quirini Aucellina; Pompeckj, J. F. 443.
Sardus Palaeopython; Portis, A. 447.
Sardus Procyclanorbis; Portis, A. 446.
Saxa Leptaena; Sardeson, F. W. 498.
Scabrosa Cardita; Noetling, F. 390.
Scalata Voluta; Schnarrenberger, C. 510.
Schlüteri Cyathopædium; Peetz, H. v. 425.
Schucherti Obolus; Walcott, C. D. 610.
Schweinfurthi Moeriophis; Andrews, C. W. 23.
Schweinfurthi Pecten (Janira); Blanckenhorn, M. 62.
Schwerdii Hystericinus; Follmann, O. 168.
Seebachi Isocyprina; Böhm, J. 66.
Semiimpressa Buchiola; Drevermann, F. 150.

- Seminudus* Fusus ; Noetling, F. 390.
- Sexspinosum* Amphiblestrum ; Maplestone, C. M. 333.
- Sibirica* n. var. Favosites forbesi ; Peetz, H. v. 425.
- Siemiradzskii* Obolus ; Walcott, C. D. 610.
- Simplex* Spiroloculina ; Grzybowski, J. 213, 214.
- Simplex* Trochammina ; Friedberg, W. 183.
- Simulans* Mesodon ; Sauvage, H. E. 500.
- Sororia* Polymorphina ; Friedberg, W. 183.
- Spathica* Scalaria ; Noetling, F. 390.
- Speciosa* Nerinea ; Geiger, P. 192.
- Spicula* Fusispira ; Sardeson, F. W. 498.
- Spiralis* Trochus ; Schnarrenberger, C. 510.
- Steinmanni* Toucasia ; Schnarrenberger, C. 510.
- Stenostoma* Nematurella ; Madsen, V. and Nordmann, V. 325.
- Stereogenys* n. gen. Andrews, C. W. 23.
- Strabops* n. gen. Beecher, C. E. 52.
- Stratitites* n. gen. Zinndorf, J. 670.
- Striatula* Corbula ; Borchert, A. 72.
- Subalpina* Natica ; Deninger, K. 138.
- Subalpinus* Adeorbis ; Deninger, K. 138.
- Subalpinus* Pectunculus ; Deninger, K. 138.
- Subpelargonatus* Streptorhynchus ; Fliegel, G. 166.
- Subsociale* Cardium ; Blanckenhorn, M. 62.
- Subsulcatum* Streptorhynchus ; Sardeson, F. W. 498.
- Subundutata* Cytherea ; Blanckenhorn, M. 62.
- Suessiana* Avicula ; Noetling, F. 390.
- Sulcatus* Phacops ; Drevermann, F. 150.
- Sumatraensis* Neostroma ; Tornquist, A. 585.
- Sumetrensis* Pleuronautilus ; Fliegel, G. 166.
- Supraliasica* Cerithinella ; Schlosser, M. 502.
- Supremum* Loxonema ; Schlosser, M. 502.
- Tchichatschewi* Striatopora ; Peetz, H. v. 425.
- Telleri* Pecten ; Deninger, K. 138.
- Tenuis* Euctendopsis ; Wellburn, E. D. 621.
- Tenuis* Miliolina ; Friedberg, W. 183.
- Tersus* Orthis ; Sardeson, F. W. 498.
- Tetonsis* Obolus ; Walcott, C. D. 610.
- Tetracarinata* n. var. Lagena apiculata ; Friedberg, W. 183.
- Texta* Rissosia ; Borchert, A. 72.
- Textilus* Hiatula ; Noetling, F. 390.
- Thacheri* Strabops ; Beecher, C. E. 52.
- Thalattosuchia* n. gen. Fraas, E. 179.
- Thayetensis* Arca (Anomalocardia). Noetling, F. 390.
- Theobaldi* Arca (Anomalocardia) ; Noetling, F. 390.
- Trapezoidalis* Anathyris ; Peetz, H. v. 425.
- Trautscholdi* Naticopsis ; Fliegel, G. 166.
- Triangularis* Cypricardites ; Sardeson, F. W. 498.
- Tricostata* Rhynchonella ; Peetz, H. v. 425.
- Trigona* Tivela ; Borchert, A. 72.
- Truncata* Panopaea ; Borchert, A. 72.
- Tschernyschewi* Retzia ; Peetz, H. v. 425.
- Tschoumyschense* Platystoma ; Peetz, H. v. 425.
- Tschurowskii* Loxonema ; Peetz, H. v. 425.
- Tuberculata* Ebalia ; Noetling, F. 390.
- Tumida* Coelostylina ; Bohm, J. 66.

- Turbinata Ovaticeila; Maplestone, C. M. 333.
 Turgida Cribrilina; Maplestone, C. M. 333.
 Turneri Leuciscus; Lucas, F. A. 318.
 Umbilicata Aptyxiella; Geiger, P. 192.
 Ungulatus Dimyodon; Böhm, J. 66.
 Unicinctum Strioterebrum; Noetling, F. 390.
 Unicostalis Littorina; Borchert, A. 72.
 Uviformis Trochammina; Grzybowski, J. 213, 214.
 Vaillanti Nummopalatus; Priem, F. 454.
 Validum Tryblidium; Sardeson, F. W. 498.
 Vanuxemi Archaeosigillaria; Kidston, R. 270.
 Variabile Amphiblestrum; Maplestone, C. M. 333.
 Varicosus Euomphalus; Drevermann, F. 150.
 Variegata Trochammina; Friedberg, W. 183.
 Ventrosa Gervillia; Böhm, J. 66.
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<i>Acireale, Atti Acc. Zelanti</i>	Atti e Rendiconti della R. Accademia degli Zelanti, Acireale.	1 It.
<i>Adelaide, S. Aust., Trans. R. Soc.</i>	Transactions of the Royal Society of South Australia, Adelaide.	6 S. Aust.
<i>Albany, N.Y., Bull. Mus. Nat. Hist. Univ.</i>	Bulletin. Museum of Natural History. University of the State of New York, Albany, N.Y.	4 U.S.
<i>Albany, N.Y., Rep. Mus. Nat. Hist. Univ.</i>	Report. Museum of Natural History. University of the State of New York, Albany, N.Y.	7 U.S.
<i>Allg. Zs. Ent., Neudamm</i>	Allgemeine Zeitschrift für Entomologie. hrsg. v. Schroeder u. Lehmann. Neudamm. [$\frac{1}{3}$ monatl.]	34 Ger.
<i>Amer. Geol., Minneapolis, Minn.</i>	American Geologist, Minneapolis, Minnesota.	15 U.S.
<i>Amer. J. Sci., New Haven, Conn.</i>	American Journal of Science, New Haven, Conn.	19 U.S.
<i>Amer. Nat., Boston, Mass.</i>	The American Naturalist, Boston, Mass.	22 U.S.
<i>Amsterdam, Proc. Sci. K. Akad. Wet.</i>	Proceedings of the Sections of Sciences, Koninklijke Akademie van Wetenschappen, Amsterdam, 8vo.	3 Hol.
<i>Amsterdam, Verh. K. Akad. Wet., 2^e Sect.</i>	Verhandelingen der Koninklijke Akademie van Wetenschappen, 2 ^e Sectie (Natuurhistorische Geologische en Medische Wetenschappen), Amsterdam, 8vo.	6 Hol.
<i>Amsterdam, Versl. Wis. Nat. Afd. K. Akad. Wet.</i>	Verslagen der Vergaderingen van de Wis- en Natuurkundige Afdeling der Koninklijke Akademie van Wetenschappen, Amsterdam, 8vo.	7 Hol.
<i>Ann. Bot., Oxford ...</i>	Annals of Botany, Oxford ...	1 U.K.
<i>Ann. Mag. Nat. Hist., London</i>	Annals and Magazine of Natural History, London.	7 U.K.
<i>Annot. Zool. Jap., Tōkyō ...</i>	Annotationes Zoologicae Japonenses. European languages. Tōkyō, Japan.	1 Jap.
<i>Ann. Univ. Grenoble, Paris</i>	Annales de l'Université de Grenoble, publiées par les Facultés de droit, des sciences et des lettres, et par l'école de médecine. Paris. [trois numéros par an.]	81 Fr.
<i>Ann. Univ., Lyon ...</i>	Annales de l'Université, Lyon (Rhône). [irrégul.]	82 Fr.

<i>Anthr., Paris</i> ...	Anthropologie (Réunion des Matériaux pour l'histoire de l'homme, de la Revue d'anthropologie, et de la Revue d'ethnographie. Dir. Boule et Verneau. Paris. [bimestr.].	103 Fr.
<i>Arch. Natg., Berlin</i> ...	Archiv für Naturgeschichte, hrsg. v. Hilgendorf. Berlin. [6 H. jährl.]	78 Ger.
<i>Arch. zool., Paris</i> ...	Archives de zoologie expérimentale et générale. Fond. H. de Lacaze-Duthiers (avec "Notes et Revue"). Paris. [trimestr.]	136 Fr.
<i>Atti Soc. tosc. sc. nat., Pisa</i>	Atti della Società toscana di scienze naturali, Pisa.	26 It.
<i>Austin, Trans. Texas Acad. Sci.</i>	Transactions of the Texas Academy of Science, Austin.	31 U.S.
<i>Autun, Bul. soc. hist. nat.</i> ...	Bulletin de la société d'histoire naturelle. Autun (Saône-et-Loire).	149 Fr.
<i>Berkeley, Univ. Cal., Bull. Dept. Geol.</i>	University of California. Bulletin of the Department of Geology, Berkeley.	40 U.S.
<i>Berlin, Ber. D. bot. Ges.</i> ...	Berichte der deutschen botanischen Gesellschaft. Berlin. [monatl.]	164 Ger.
<i>Berlin, SitzBer. Ak. Wiss.</i>	Sitzungsberichte der kgl. preussischen Akademie der Wissenschaften. Berlin. [wöch.]	182 Ger.
<i>Berlin, SitzBer. Ges. natf. Freunde</i>	Sitzungsberichte der Gesellschaft naturforschender Freunde zu Berlin. Berlin. [jähr. in zwangl. H.]	183 Ger.
<i>Berlin, Verh. Ges. Anthr.</i> ...	Verhandlungen der Berliner Gesellschaft für Anthropologie, Ethnologie und Urgeschichte, red. v. Virchow. Berlin.	1261 Ger.
<i>Berlin, Zs. D. geol. Ges.</i> ...	Zeitschrift der deutschen geologischen Gesellschaft. Berlin. [$\frac{1}{4}$ jährl.]	199 Ger.
<i>Berlin, Zs. Ges. Erdk.</i> ...	Zeitschrift der Gesellschaft für Erdkunde zu Berlin, hrsg. v. Kollm. Berlin. [2 monatl.]	200 Ger.
<i>Béziers, Bul. soc. étud. sci. nat.</i>	Bulletin de la société d'étude des sciences naturelles de Béziers (Hérault). [irrégul.]	171 Fr.
<i>Biol. Centralbl., Leipzig</i> ...	Biologisches Centralblatt, hrsg. v. Ro-senthal. Berlin. [$\frac{1}{4}$ monatl.]	226 Ger.
<i>Boll. mat. sc. fis. nat., Bologna</i>	Il Bollettino di matematiche e di scienze fisiche e naturali, Bologna.	32 It.
<i>Boll. Naturalista, Siena</i> ...	Bollettino del Naturalista, Siena	33 It.
<i>Bologna, Mem. Acc. sc.</i> ...	Memorie dell' Accademia delle scienze dell' Istituto, Bologna.	42 It.
<i>Boston, Mass., Proc. Soc. Nat. Hist.</i>	Proceedings of the Boston Society of Natural History, Boston, Mass.	61 U.S.
<i>Bot. Centralbl., Cassel</i> ...	Botanisches Centralblatt. Referirendes Organ, hrsg. v. Uhlworm u. Kohl. Cassel. [wöch.] Nebst Beiheften.	241 Ger.

<i>Bremen, Abh. natur. Ver.</i>	Abhandlungen, hrsg. v. naturwissenschaftlichen Verein zu Bremen. Bremen. [1-2 H. jährl.]	253 Ger.
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<i>Catania, Atti Acc. Gioenia</i>	Atti dell' Accademia Gioenia di scienze naturali, Catania.	48 It.
<i>Chicago, Ill., J. Geol. Univ. Chic.</i>	Journal of Geology. (University of Chicago), Chicago, Ill.	101 U.S.
<i>Chicago, Ill., Pub. Field Columb. Mus., Geol. Ser.</i>	Publications of the Field Columbian Museum. Geological Series. Chicago, Ill.	108 U.S.
<i>Colorado Springs, Stud. Colo. Coll. Sci. Soc.</i>	Colorado College Studies. (Colorado College Scientific Society), Colorado Springs.	123 U.S.
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<i>Danzig, Schr. natf. Ges.</i> ...	Schriften der naturforschenden Gesellschaft in Danzig. Danzig. [zwanglos.]	394 Ger.
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<i>Frankfurt a. M., Ber. Senckenb. Ges.</i>	Bericht der Senckenbergischen naturforschenden Gesellschaft in Frankfurt a. M. [jährl.]	476 Ger.
<i>Freiburg i. B., Ber. natf. Ges.</i>	Bericht der naturforschenden Gesellschaft zu Freiburg i. B. Freiburg i. B. [jährl. in zwangl. H.]	485 Ger.

<i>Geogn. Jahreshefte, München</i>	Geognostische Jahreshefte, hrag. v. d. geognostischen Abtheilung des kgl. bayerischen Oberbergamts in München. München. [jähr.]	507 Ger.
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<i>Geol. Mag., London ...</i>	Geological Magazine, London ...	134 U.K.
<i>Geol. Surv. Can., Ottawa ...</i>	Geological Survey of Canada, Annual Reports of the Director, Ottawa.	11 Can.
<i>Glasgow, Trans. Geol. Soc.</i>	Transactions of the Geological Society of Glasgow, Glasgow.	138 U.K.
<i>Globus, Braunschweig ...</i>	Globus. Illustrierte Zeitschrift für Länder- und Völkerkunde, hrag. v. Andree. Braunschweig. [wöch.]	525 Ger.
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<i>Halle, Abh. natf. Ges. ...</i>	Abhandlungen der naturforschenden Gesellschaft zu Halle. Halle. [zwanglos.]	542 Ger.
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<i>Melbourne, Proc. R. Soc. Vict.</i>	Proceedings of the Royal Society of Victoria, Melbourne.	9 Vic.
<i>Melbourne, Rep. Austral. Assoc. Adv. Sci.</i>	Report of the Australian Association for the Advancement of Science.	10 Vic.
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<i>Milano, Mem. Ist. lomb. ...</i>	Memorie dell' Istituto lombardo di scienze e lettere, Milano.	104 It.
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<i>Monitore zool. ital., Firenze</i>	Il Monitore zoologico italiano, Firenze.	109 It.
<i>Montreal, Canad. Rec. Sci.</i>	The Canadian Record of Science (Organ of the Montreal Natural History Society), Montreal.	18 Can.
<i>Moskva, Nouv. Mém. Soc. Nat.</i>	Nouveaux Mémoires de la Société Impériale des Naturalistes de Moscou.	141 Russ.
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<i>Naturaliste, Paris ...</i>	Naturaliste (le), revue illustrée des sciences naturelles. Dir. Deyrolle. Paris. [bi-mensuel.]	541 Fr.
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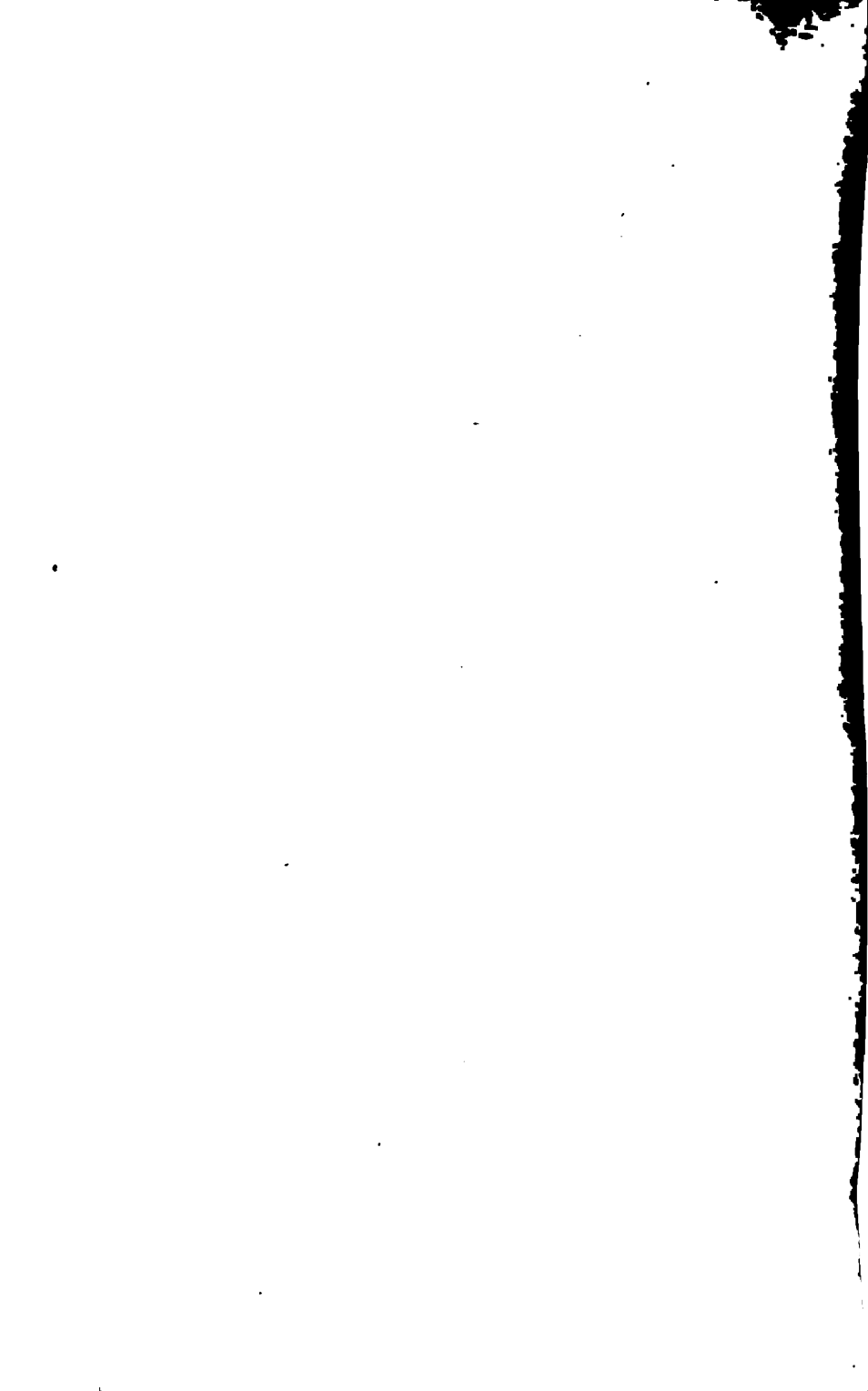
<i>New York, N.Y., Columbia Univ., Sch. Mines Q.</i>	School of Mines Quarterly. Columbia University, New York, N.Y.	314 U.S.
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<i>Ottawa, Trans. R. Soc. Can.</i>	Transactions of the Royal Society of Canada, Ottawa.	26 Can.
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<i>St. Louis, Mo., Trans. Acad. Sci.</i>	Transactions of the Academy of Science of St. Louis, St. Louis, Mo.	414 U.S.
<i>St. Peterburg, Bull. Com. géol.</i>	Извѣстія Геологическаго Комитета. С.-Петербургъ [Bulletin du Comité géologique. St.-Petersbourg].	252 Russ.
<i>St. Peterburg, Mém. Ac. Sc.</i>	Записки Императорской Академіи Наукъ по физико-математическому отдѣленію. С.-Петербургъ [Mémoires de l'Académie Impériale des Sciences. Classe des sciences physiques et mathématiques. St.-Petersbourg].	266 Russ.
<i>St. Pétersbourg, Trav. sect. géol. Cab. S.M.I.</i>	Travaux de la section géologique du Cabinet de sa Majesté Impériale.	—
<i>Schr. Ver. Gesch. Bodensee, Lindau</i>	Schriften des Vereins für Geschichte des Bodensees und seiner Umgebung. Lindau.	1301 Ger.
<i>Stockholm, Geol. För. Förh.</i>	Geologiska Föreningens i Stockholm förhandlingar. Stockholm. 8vo.	23 Swe.

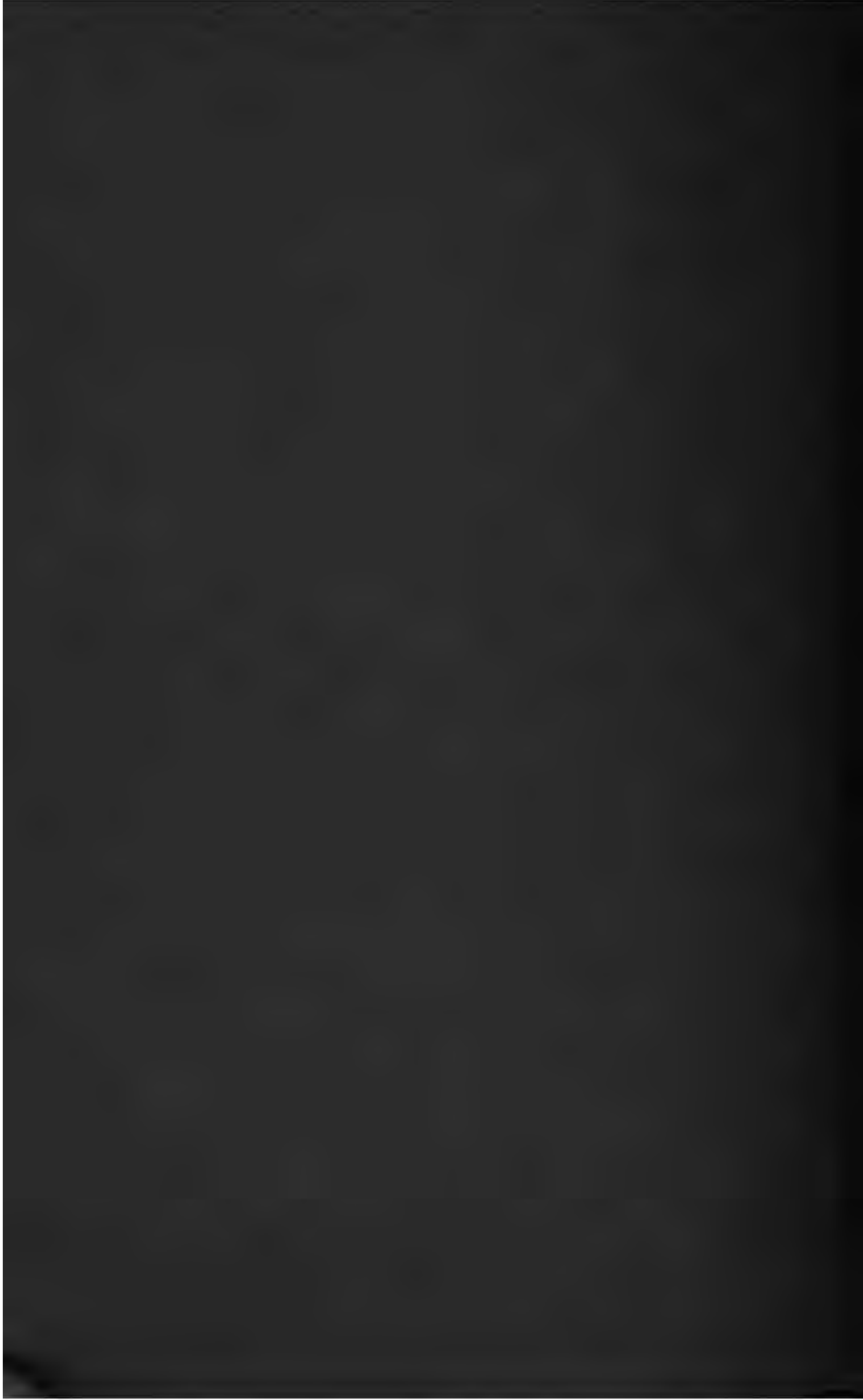
<i>Stockholm, Vet.-Ak. Bih.</i> ...	Bihang till Kongl. Svenska Vetenskaps-Akademiens Handlingar. Stockholm. 8vo. [Published in four separate series, viz.] Afd. I. Matematik, astronomi, mekanik, fysik, meteorologi och beslätade ämnen. Afd. II. Kemi, mineralogi, geognosi, fysisk geografi och beslätade ämnen. Afd. III. Botanik, omfattande både levande och fossila former. Afd. IV. Zoologi, omfattande både levande och fossila former.	39 Swe.
<i>Stockholm, Vet.-Ak. Handl.</i>	Kongl. Svenska Vetenskaps-Akademiens Handlingar. Stockholm. 4to.	40 Swe.
<i>Stratford, Essex Nat.</i> ...	Essex Naturalist (Essex Field Club), Stratford.	123 U.K.
<i>Stuttgart, Jahreshefte Ver. Natk.</i>	Jahreshefte des Vereins für vaterländische Naturkunde in Württemberg. Stuttgart. [jähr.]	1021 Ger.
<i>Sw. Mosskult. Tidskr., Jönköping</i>	Svenska Mosskultur-föreningens Tidskrift. Jönköping. 8vo.	47 Swe.
<i>Tagebl. intern. Zool-Congr., Berlin</i>	Tageblatt des internationalen Zoologen-Congresses, Berlin.	— Ger.
<i>Termt. Közl., Budapest</i> ...	Természettudományi Közlöny, Budapest. [Naturwissenschaftliche Mittheilungen, Budapest.]	16 Hun.
<i>Tōkyō, J. Coll. Sci.</i> ...	The Journal of the College of Science, Imperial University of Tōkyō, Japan. <i>European languages.</i>	28 Jap.
<i>Torino, Mem. Acc. sc.</i> ...	Memorie della R. Accademia delle scienze, Torino.	228 It.
<i>Trondhjem, kgl. Vid. selsk. Skr.</i>	Det kongelige norske Videnskabernes Selskabs Skrifter, Trondhjem.	28 Nor.
<i>Umschau, Frankfurt a. M.</i>	Die Umschau. Uebersicht über die Fortschritte und Bewegungen auf dem Gesamtgebiet der Wissenschaft, Technik, Litteratur und Kunst, hrag. v. Bechhold. Frankfurt a. M. [wöch.]	1068 Ger.
<i>Venezia, Atti Ist. ven.</i> ...	Atti del R. Istituto veneto di scienze, lettere ed arti, Venezia.	235 It.
<i>Verh. intern. Geogr. Congr., Berlin</i>	Verhandlungen des internationalen Geographen-Congresses. Berlin.	— Ger.
<i>Washington, D.C., Dept. Int. Rep. U.S. Geol. Surv.</i>	Department of the Interior. Annual Report of the U.S. Geological Survey, Washington, D.C.	481 U.S.
<i>Washington, D.C., Proc. Nation. Acad. Sci.</i>	Proceedings of the National Academy of Sciences, Washington, D.C.	489 U.S.

<i>Washington, D.C. Rep. Smithsonian Inst. Nation. Mus.</i>	Smithsonian Institution. U.S. National Museum. Annual Report of the Board of Regents of the Smithsonian Institution, Washington, D.C.	492 U.S.
<i>Washington, D.C., Smithsonian Inst. Nation. Mus. Proc.</i>	Smithsonian Institution. U.S. National Museum. Proceedings, Washington, D.C.	499 U.S.
<i>Washington, D.C., U.S. Dept. Int. Bull. Geol. Surv.</i>	Department of the Interior. Bulletin of the United States Geological Survey, Washington, D.C.	515 U.S.
<i>Wyoming Hist. Geol. Soc. Proc., Wilkesbarre, Pa.</i>	Wyoming Historical and Geological Society, Proceedings and Collections, Wilkesbarre, Pa.	538 U.S.
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<i>Zool. Jahrb., Jena ...</i>	Zoologische Jahrbücher, hrsg. v. Spengel. 1. Abth. für Anatomie. 2. Abth. für Systematik. Jena. [Die Abth. 4 H. jährl.] Nebst Supplementen.	1151 Ger.
<i>Zoologica, Stuttgart ...</i>	Zoologica. Original-Abhandlungen aus dem Gesamtgebiete der Zoologie, hrsg. v. Chun. Stuttgart. [3-4 H. jährl.]	1153 Ger.
<i>Zs. Natur., Stuttgart ...</i>	Zeitschrift für Naturwissenschaften. Organ des naturwissenschaftlichen Vereins für Sachsen und Thüringen. Stuttgart. [2 monatl.]	1214 Ger.

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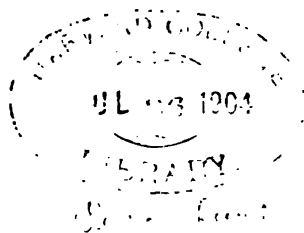
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INSTRUCTIONS.

The present volume consists of three parts :—

- (a) Schedules and Indexes in four languages.
- (b) An Authors' Catalogue.
- (c) A Subject Catalogue.

The Subject Catalogue begins with general headings 0000 to 0200. It is then divided into Palaeozoology and palaeobotany. Each of these main divisions is sub-divided into three sections. The first section gives the books or papers arranged according to strata; in the second section the arrangement is according to fossils; while the third section gives a list of new genera and species.

At the end of the Subject Catalogue there is a list of new specific and generic names.

In each sub-section the final arrangement of papers is in the alphabetical order of authors' names.

In order to find the papers dealing with a particular subject the reader may either consult the Schedule or the Index to the Schedule. The numbers given in the index are Registration numbers, and can be used at once for turning to the proper page of the Subject Index. This is done by looking at the numbers at the top corners of the pages.

If the reader remember the name of the Author of a paper on a given subject, he will probably find it convenient to refer to the Authors' Catalogue rather than to the Subject Catalogue.

In the Authors' Catalogue the numbers placed within square brackets at the end of each entry are Registration numbers, and serve to indicate the scope of each paper indexed. The meaning of these numbers will at once be found by reference to the Schedule.

In case the abbreviated titles of Journals are not understood, a key to these is provided at the end of the volume.

TOPOGRAPHICAL SYMBOLS.

Many of the sections are sub-divided into a number of sub-sections by means of topographical symbols. These symbols are letters printed in italics, and they are explained by the topographical classification contained in the volumes. The topographical symbols are not intended to be used instead of registration numbers.

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International Catalogue of Scientific Literature.

(K) PALÆONTOLOGY.

- 0000 Philosophy.
- 0010 History. Biography.
- 0020 Periodicals. Reports of Institutions, Societies, Congresses, etc.
- 0030 General Treatises, Text Books, Dictionaries, Bibliographies, Tables.
- 0040 Addresses, Lectures.
- 0050 Pedagogy.
- 0060 Institutions, Museums, Collections, Economica.
- 0070 Nomenclature.
- 0100 Distribution of Life (Animal and Vegetable) in Past Times.
- 0150 Zonal Palæontology; Mutations (Changes of Form in Successive Strata), etc.
- 0200 Evolution. (*See also* L 4300; N 0223; M 4400.)

The numerical symbol to be used for Palæontological books and papers is obtained by a combination of the Geological stratigraphical number (two figures), with a number (four figures) representing the subdivision of the animal or vegetable kingdom to which the fossil forms described belong. Thus a paper on Triassic Cephalopoda will have the symbol K 65.2231, one on Carboniferous ferns will be numbered K 55.6700.

The numbers for Zoological sub-divisions are identical with those used in the Zoological schedule. The numbers for Botanical sub-divisions are identical with those used in the Botanical schedule.

The alphabetical symbols for Topography can be added, if necessary. In this case a paper on Cretaceous Fishes from Asiatic Turkey would bear the symbol K 75.5431 *et*.

Palaeozoology.

Palaeozoology.												
	General, including strata of unknown age.		Lower Palaeozoic.		Upper Palaeozoic.		Triassic.	Jurassic.	Cretaceous.	Lower Cenozoic.	Upper Cenozoic.	Pleistocene and Recent.
	35	50	50	55	65	70						
0231 General Palaeozoology	...	50, 0231	55, 0231	65, 0231	70, 0231	75, 0231	85, 0231	90, 0231	95, 0231	95, 0231	95, 0231	95, 0231
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6031 Mammalia	...	50, 6031	55, 6031	65, 6031	70, 6031	75, 6031	85, 6031	90, 6031	95, 6031	95, 6031	95, 6031	95, 6031
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6631 Reptilia and Batrachia	...	50, 6631	55, 6631	65, 6631	70, 6631	75, 6631	85, 6631	90, 6631	95, 6631	95, 6631	95, 6631	95, 6631
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6031 Tunicata, Amphioxus, &c.	...	50, 6031	55, 6031	65, 6031	70, 6031	75, 6031	85, 6031	90, 6031	95, 6031	95, 6031	95, 6031	95, 6031
2431 Arthropoda, including Insecta	...	50, 2431	55, 2431	65, 2431	70, 2431	75, 2431	85, 2431	90, 2431	95, 2431	95, 2431	95, 2431	95, 2431
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2031 Brachiopoda including Bryozoa (Polyzoa)	...	50, 2031	55, 2031	65, 2031	70, 2031	75, 2031	85, 2031	90, 2031	95, 2031	95, 2031	95, 2031	95, 2031
1831 Vermes	...	50, 1831	55, 1831	65, 1831	70, 1831	75, 1831	85, 1831	90, 1831	95, 1831	95, 1831	95, 1831	95, 1831
1031 Echinodermata	...	50, 1031	55, 1031	65, 1031	70, 1031	75, 1031	85, 1031	90, 1031	95, 1031	95, 1031	95, 1031	95, 1031
0631 Coelenterata including Graptolithoides	...	50, 0631	55, 0631	65, 0631	70, 0631	75, 0631	85, 0631	90, 0631	95, 0631	95, 0631	95, 0631	95, 0631
0631 Porifera	...	50, 0631	55, 0631	65, 0631	70, 0631	75, 0631	85, 0631	90, 0631	95, 0631	95, 0631	95, 0631	95, 0631
0431 Protozoa	...	50, 0431	55, 0431	65, 0431	70, 0431	75, 0431	85, 0431	90, 0431	95, 0431	95, 0431	95, 0431	95, 0431
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5400	Dicotyledons
6000	Monocotyledons
6500	Gymnosperms
6700	Vascular Cryptogams
7000	Mosses and Hepaticae	...	...	...	...	...	...	...	...
7200	Characeae	...	...	...	...	...	...	...	...
7400	Algae and Schizophyceae	...	...	...	...	...	...	...	...
7600	Lichens	...	...	...	...	...	...	...	...
7700	Fungi, Bacteria, and Mycetozoa
7800	Plants of undetermined position

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- 0020 Périodiques. Rapports d'Institutions, de Sociétés, de Congrès, etc.
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- 0040 Discours, Lectures et Conférences.
- 0050 Enseignement.
- 0060 Institutions, Musées, Collections. Applications pratiques.
- 0070 Nomenclature.
- 0100 Distribution géographique des animaux et des plantes dans les temps passés.
- 0150 Paléontologie stratigraphique; changements de formes dans les couches successives.
- 0200 Evolution. (*Voy. aussi* L 4300; N 0223; M 4400.)

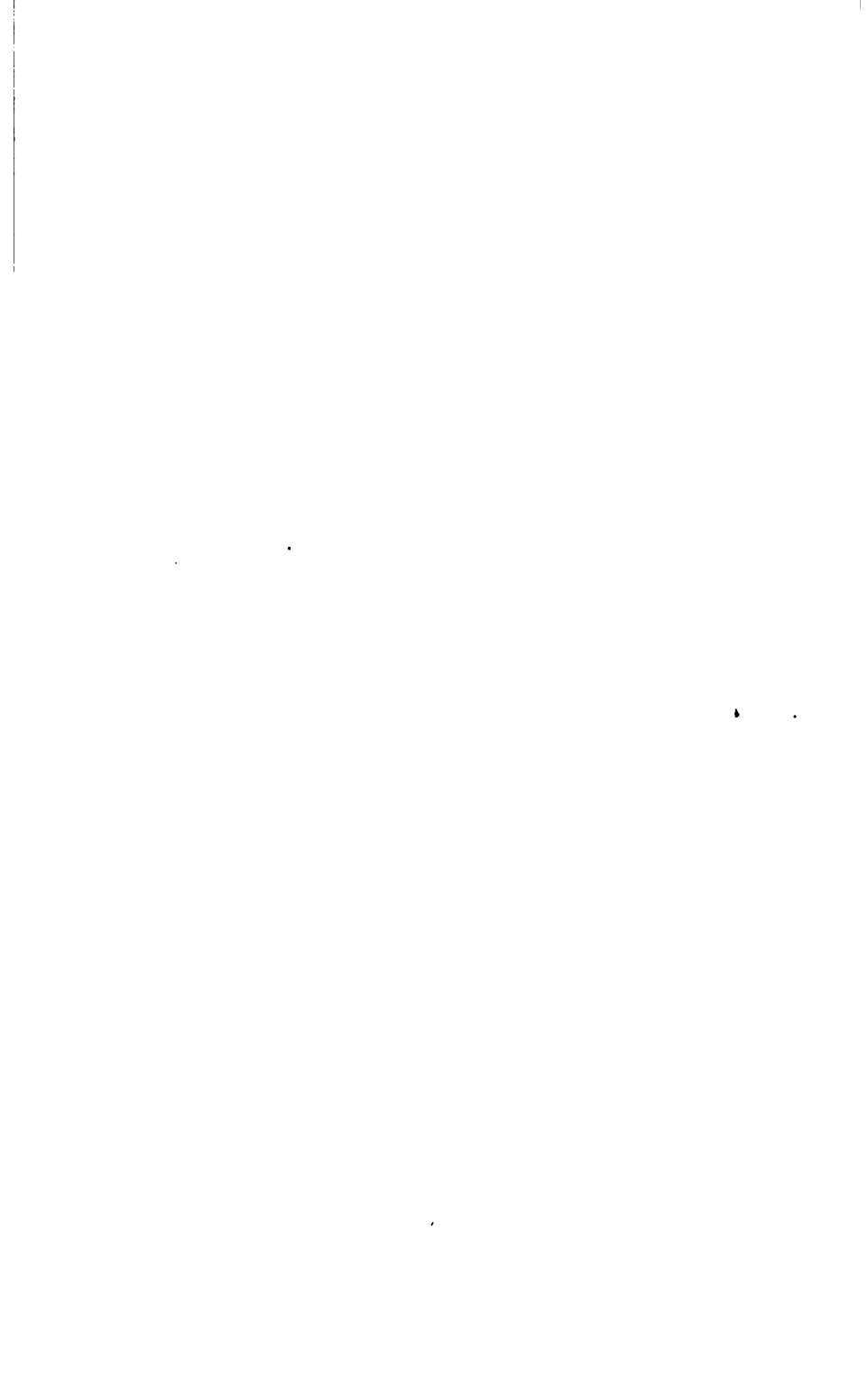
Le symbole numérique qui devra être employé pour les livres et mémoires paléontologiques est obtenu par une combinaison du nombre stratigraphique (2 chiffres) avec un nombre (4 chiffres) représentant la subdivision du règne animal ou végétal à laquelle appartient la forme fossile décrite. Ainsi un mémoire sur les Céphalopodes triasiques devra porter l'indice K 65.2231; un mémoire sur les Fougères carbonifères portera l'indice K 55.6700.

Les nombres pour les subdivisions zoologiques sont identiques à ceux qui sont employés dans la classification zoologique. Les nombres pour les subdivisions botaniques sont identiques à ceux qui sont employés dans la classification botanique.

Les symboles alphabétiques pour la Topographie peuvent être ajoutés, si c'est nécessaire. Dans ce cas un mémoire sur les Poissons crétacés de la Turquie d'Asie porterait le symbole K 75.5431 *et*.

**Paléontologie ou paléontologie
zoologique.**

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0501	Tuniciers, Amphioxus, etc.	50, 0501	55, 0501	65, 0501	70, 0501	75, 0501	85, 0501	90, 0501	95, 0501
2-31	Arthropodes, y compris les Insectes	50, 2-31	55, 2-31	65, 2-31	70, 2-31	75, 2-31	85, 2-31	90, 2-31	95, 2-31
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2831	Xiphonura, Eurypéridés, Triobites, etc.	50, 2831	55, 2831	65, 2831	70, 2831	75, 2831	85, 2831	90, 2831	95, 2831
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2231	Mollusques, y compris les Céphalopodes, Gastropodes, Amphineura, Scaphopodes, et Lamellibranches (Pelecypodes)	50, 2231	55, 2231	65, 2231	70, 2231	75, 2231	85, 2231	90, 2231	95, 2231
2031	Brachiopodes, y compris les Bryozoaires	50, 2031	55, 2031	65, 2031	70, 2031	75, 2031	85, 2031	90, 2031	95, 2031
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0631	Coelentérés, y compris les Graptolithoïdes	50, 0631	55, 0631	65, 0631	70, 0631	75, 0631	85, 0631	90, 0631	95, 0631
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- 0040 Festreden, Vorträge.
- 0050 Pädagogik.
- 0060 Institute, Museen, Sammlungen, Wirthschaftliches und
Organisatorisches.
- 0070 Nomenclatur.
- 0100 Vertheilung des Lebens (des thierischen und pflanzlichen)
in vergangenen Zeiten.
- 0150 Zonare Paläontologie; Mutationen (Formenänderungen in
auf einander folgenden Schichten) etc.
- 0200 Entwicklung. (*Siehe auch* L 4300; N 0223; M 4400.)

Das Zahlensymbol, welches für paläontologische Bücher und Schriften zu benutzen ist, wird gewonnen durch Combination der stratigraphischen geologischen Nummer (zwei Ziffern) mit einer vierziffrigen Zahl, welche die Unterabtheilung des Thier- oder Pflanzenreiches angiebt, zu der die beschriebenen fossilen Formen gehören. So würde eine Abhandlung über triassische Cephalopoden das Symbol erhalten: K 65.2231; eine solche über Farne des Carbon würde zu numeriren sein: K 55.6700.

Die Nummern für die zoologischen Unterabtheilungen sind identisch mit den im zoologischen Schema benutzten. Die Nummern für die botanischen Unterabtheilungen sind identisch mit den im botanischen Schema benutzten.

Wenn nöthig, können die alphabetischen Symbole für Topographie hinzugefügt werden. In diesem Falle würde eine Abhandlung über Fische der Kreide aus der asiatischen Türkei das Symbol tragen: K 75.5431 *ei*

Palaeozoologie.

	Allgemeines, einsehl. Schichten von unbekanntem Alter.	Unteres Palaeozoicum. 50	Oberes Palaeozoicum. 55	Trias.	Jura.	Kreide.	Unteres Tertiar. Eocän, Oligocän.	Oberes Tertiar. Miocän, Pliocän.	Quartär und recente Bildungen.
0231 Allgemeine Palaeozoologie	...	50. 0231	55. 0231	65. 0231	70. 0231	75. 0231	85. 0231	90. 0231	95. 0231
5231 Vertebrata	...	50. 5231	55. 5231	65. 5231	70. 5231	75. 5231	85. 5231	90. 5231	95. 5231
6031 Mammalia	...	50. 6031	55. 6031	65. 6031	70. 6031	75. 6031	85. 6031	90. 6031	95. 6031
5831 Aves	...	50. 5831	55. 5831	65. 5831	70. 5831	75. 5831	85. 5831	90. 5831	95. 5831
5431 Reptilia und Batrachia	...	50. 5431	55. 5431	65. 5431	70. 5431	75. 5431	85. 5431	90. 5431	95. 5431
5431 Pisces	...	50. 5431	55. 5431	65. 5431	70. 5431	75. 5431	85. 5431	90. 5431	95. 5431
5031 Tunicata, Amphioxus, &c.	...	50. 5031	55. 5031	65. 5031	70. 5031	75. 5031	85. 5031	90. 5031	95. 5031
2431 Arthropoda, einschli. Insecta	...	50. 2431	55. 2431	65. 2431	70. 2431	75. 2431	85. 2431	90. 2431	95. 2431
2631 Myriopoda	...	50. 2631	55. 2631	65. 2631	70. 2631	75. 2631	85. 2631	90. 2631	95. 2631
2031 Arachnida	...	50. 2031	55. 2031	65. 2031	70. 2031	75. 2031	85. 2031	90. 2031	95. 2031
2831 Xiphosura, Euripterida, Trilobita, &c.	...	50. 2831	55. 2831	65. 2831	70. 2831	75. 2831	85. 2831	90. 2831	95. 2831
2631 Crustacea	...	50. 2631	55. 2631	65. 2631	70. 2631	75. 2631	85. 2631	90. 2631	95. 2631
2231 Molusca einschli. Cephalopoda, Amphineura, Scaphopoda und Lamellibranchiata (Pelecypoda)	...	50. 2231	55. 2231	65. 2231	70. 2231	75. 2231	85. 2231	90. 2231	95. 2231
2031 Rachiopoda, einschli. Bryozoa (Polyzoa)	...	50. 2031	55. 2031	65. 2031	70. 2031	75. 2031	85. 2031	90. 2031	95. 2031
1931 Vermes	...	50. 1931	55. 1931	65. 1931	70. 1931	75. 1931	85. 1931	90. 1931	95. 1931
1031 Echinodermata	...	50. 1031	55. 1031	65. 1031	70. 1031	75. 1031	85. 1031	90. 1031	95. 1031
0631 Calcinotata, einschli. Graptolithoides	...	50. 0631	55. 0631	65. 0631	70. 0631	75. 0631	85. 0631	90. 0631	95. 0631
0631 Porifera	...	50. 0631	55. 0631	65. 0631	70. 0631	75. 0631	85. 0631	90. 0631	95. 0631
0431 Protozoa	...	50. 0431	55. 0431	65. 0431	70. 0431	75. 0431	85. 0431	90. 0431	95. 0431
0131 Fossilien zweifelhafter Stellung und Herkunft	...	50. 0131	55. 0131	65. 0131	70. 0131	75. 0131	85. 0131	90. 0131	95. 0131

Pflanzenpallontologie.		35	50	55	65	70	75	85	90	95
5000	Allgemeine Pflanzenpallontologie	...	...	...	...	...	...	...	...	...
5400	Dickpflöden	...	...	...	...	...	...	...	...	...
5600	Monocotyledonen	...	...	...	...	...	...	...	...	...
6500	Gymnospermen	...	...	...	...	...	...	...	...	...
6700	Gefäß-Cryptogamen	...	...	...	...	...	...	...	...	...
7000	Laubmoose und Lebermoose	...	...	...	...	...	...	...	...	...
7200	Characeen	...	...	...	...	...	...	...	...	...
7400	Algen (einschl. der Schizophyceen)	...	...	...	...	...	...	...	...	...
7600	Flechten	...	...	...	...	...	...	...	...	...
7700	Pilze (einschl. der Bakterien und Schleim- pilze)	...	...	...	...	...	...	...	...	...
7900	Pflanzen ungewisser Stellung	...	...	...	...	...	...	...	...	...
		35.5000	50.5000	55.5000	65.5000	70.5000	75.5000	85.5000	90.5000	95.5000
		35.5400	50.5400	55.5400	65.5400	70.5400	75.5400	85.5400	90.5400	95.5400
		35.6000	50.6000	55.6000	65.6000	70.6000	75.6000	85.6000	90.6000	95.6000
		35.6500	50.6500	55.6500	65.6500	70.6500	75.6500	85.6500	90.6500	95.6500
		35.6700	50.6700	55.6700	65.6700	70.6700	75.6700	85.6700	90.6700	95.6700
		35.7000	50.7000	55.7000	65.7000	70.7000	75.7000	85.7000	90.7000	95.7000
		35.7300	50.7300	55.7300	65.7300	70.7300	75.7300	85.7300	90.7300	95.7300
		35.7400	50.7400	55.7400	65.7400	70.7400	75.7400	85.7400	90.7400	95.7400
		35.7600	50.7600	55.7600	65.7600	70.7600	75.7600	85.7600	90.7600	95.7600
		35.7700	50.7700	55.7700	65.7700	70.7700	75.7700	85.7700	90.7700	95.7700
		35.7900	50.7900	55.7900	65.7900	70.7900	75.7900	85.7900	90.7900	95.7900

Catalogo Internazionale della Letteratura Scientifica.

(K) PALEONTOLOGIA.

- 0000 Filosofia.
- 0010 Storia. Biografia.
- 0020 Periodici. Resoconti di Istituti, Società, Congressi, ecc.
- 0030 Trattati generali, Manuali, Dizionari, Bibliografie, Indici.
- 0040 Relazioni, Letture.
- 0050 Pedagogia.
- 0060 Istituti, Musei. Collezioni, Applicazioni pratiche.
- 0070 Nomenclatura.
- 0100 Distribuzione della Vita (Animale e Vegetale) nei passati tempi.
- 0150 Paleontologia Stratigrafica; Mutazioni (Cambiamenti di forma in strati successivi), ecc.
- 0200 Evoluzione. *Vedi anche* L 4300; N 0223; M 4400.

Il simbolo numerico da usarsi per libri e memorie paleontologiche è ottenuto colla combinazione del numero Stratigrafico-Geologico (per due cifre) col numero (quattro cifre) rappresentante la suddivisione del regno animale o vegetale al quale le descritte forme fossili appartengono. Così una memoria sopra Cefalopodi triassici avrà il simbolo K 65.2231; una sovra Felci carbonifere sarà numerata K 55.6700.

I numeri per le suddivisioni zoologiche sono identici con quelli usati nella schedula zoologica. I numeri per le suddivisioni botaniche sono identici con quelli usati nella schedula botanica.

I simboli alfabetici per la Topografia possono venir aggiunti, ove necessario. In tal caso una nota sovra Pesci Cretacei della Turchia Asiatica porterà il simbolo K 75.5431 *ei*.

Paleozoologia.

	Generale, includente astrati di non cono- scienza etc.	50	Paleozoico inferiore.	55	65	70	75	85	90	95
0231 Paleozoologia generale	...	50, 0231	55, 0231	65, 0231	70, 0231	75, 0231	85, 0231	90, 0231	95, 0231	
5231 Vertebrata	...	50, 5231	55, 5231	65, 5231	70, 5231	75, 5231	85, 5231	90, 5231	95, 5231	
6031 Mammalia	...	50, 6031	55, 6031	65, 6031	70, 6031	75, 6031	85, 6031	90, 6031	95, 6031	
6631 Aves	...	50, 6631	55, 6631	65, 6631	70, 6631	75, 6631	85, 6631	90, 6631	95, 6631	
6831 Reptilia e Batrachia	...	50, 6831	55, 6831	65, 6831	70, 6831	75, 6831	85, 6831	90, 6831	95, 6831	
6431 Pisces	...	50, 6431	55, 6431	65, 6431	70, 6431	75, 6431	85, 6431	90, 6431	95, 6431	
6031 Tunicata, Amphioxus, etc.	...	50, 6031	55, 6031	65, 6031	70, 6031	75, 6031	85, 6031	90, 6031	95, 6031	
2431 <i>Artirozoa</i> , inclusi Insecta	...	50, 2431	55, 2431	65, 2431	70, 2431	75, 2431	85, 2431	90, 2431	95, 2431	
3431 Myriopoda	...	50, 3431	55, 3431	65, 3431	70, 3431	75, 3431	85, 3431	90, 3431	95, 3431	
3031 Arachnida	...	50, 3031	55, 3031	65, 3031	70, 3031	75, 3031	85, 3031	90, 3031	95, 3031	
2931 Xiphosura, Euripterida, Trilobita, etc.	...	50, 2931	55, 2931	65, 2931	70, 2931	75, 2931	85, 2931	90, 2931	95, 2931	
2631 Crustacea	...	50, 2631	55, 2631	65, 2631	70, 2631	75, 2631	85, 2631	90, 2631	95, 2631	
2231 <i>Mollusca</i> , inclusi Cephalopoda, Gastropoda, Amphipoda, Scaphopoda e Lamellibranchiata (Pelecypoda)	...	50, 2231	55, 2231	65, 2231	70, 2231	75, 2231	85, 2231	90, 2231	95, 2231	
2031 Brachipoda, inclusi Bryozoa (Polizoa)	...	50, 2031	55, 2031	65, 2031	70, 2031	75, 2031	85, 2031	90, 2031	95, 2031	
1831 Vermes	...	50, 1831	55, 1831	65, 1831	70, 1831	75, 1831	85, 1831	90, 1831	95, 1831	
1031 Echinodermata	...	50, 1031	55, 1031	65, 1031	70, 1031	75, 1031	85, 1031	90, 1031	95, 1031	
0831 Coelenterata, inclusi Graptolithoides	...	50, 0831	55, 0831	65, 0831	70, 0831	75, 0831	85, 0831	90, 0831	95, 0831	
0631 Forifera	...	50, 0631	55, 0631	65, 0631	70, 0631	75, 0631	85, 0631	90, 0631	95, 0631	
9431 Protozoa	...	50, 9431	55, 9431	65, 9431	70, 9431	75, 9431	85, 9431	90, 9431	95, 9431	
0131 Fossili di dubbia affinità od origine	...	50, 0131	55, 0131	65, 0131	70, 0131	75, 0131	85, 0131	90, 0131	95, 0131	

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PALAEOZOOLOGY.

B. ZOOLOGICAL CLASSIFICATION.

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STRATA OF UNKNOWN
AGE.

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0431 PROTOZOA.

0431.35 GENERAL, INCLUDING
STRATA OF UNKNOWN
AGE.

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(207-214).

0131.45 PALAEOZOIC.

Cylindrites. Fuchs, T. Wien, Sitz-
Ber. Ak. Wiss., **11**, Abt. I, 1902,
(327-33).

Helminthopsis. Fuchs, T. Wien,
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0431.55 UPPER PALAEOZOIC.

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0431.60 MESOZOIC.

Radiolaria. Comáraswámy, A. K.
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F. R. C. Geol. Mag., London, (Ser. 2),
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0431.80 CAENOZOIC.

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Pseudotextularia. Liebus, A. Wien, Jahrb. Geol. Rchs-Anst., 52, 1902, (71-104).

Pulinulina. Liebus, A. Wien, Jahrb. Geol. Rchs-Anst., 52, 1902, (71-104).

Ramulina. Liebus, A. Wien, Jahrb. Geol. Rchs-Anst., 52, 1902, (71-104).

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Spiroloculina. Liebus, A. Wien, Jahrb. Geol. Rchs-Anst., 52, 1902, (71-104).

Spiroplecta. Liebus, A. Wien, Jahrb. Geol. Rchs-Anst., 52, 1902, (71-104).

Truncatulina. Liebus, A. Wien, Jahrb. Geol. Rchs-Anst., 52, 1902, (71-104).

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0431.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Orbitoides (*Lepidocyclina*) *angularis* n. sp. Newton, R. B. and Holland, R. Tokyo, J. Coll. Sci., 17, Art. 6, 1902, (1-23).

0431.95 PLEISTOCENE AND RECENT.

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PORIFERA.

0631.75 CRETACEOUS.

Andreaea n. gen. *A. hexagonalis* n. sp. Schrammen, A. Hildesheim, Mitt. Roemer-Mus., Nr. 15, 1902, (1-26). 8 M.

Aphrocallistes [*Hexagonaria*]. Geinitz, E. Centralbl. Minn., Stuttgart, 1901, (584-585).

Balantionella n. gen. *B. elegans* n. sp. Schrammen, A. Hildesheim, Mitt. Roemer-Mus., Nr. 15, 1902, (1-26). 8 M.

Becksia augustae n. sp. Schrammen, A. Hildesheim, Mitt. Roemer-Mus., Nr. 15, 1902, (1-26). 8 M.

Eubrochis n. gen. *E. senonica* n. sp. Schrammen, A. Hildesheim, Mitt. Roemer-Mus., Nr. 15, 1902, (1-26). 8 M.

Eudietyon n. gen. *E. striatum*. *E. diagonale* nn. spp. Schrammen, A. Hildesheim, Mitt. Roemer-Mus., Nr. 15, 1902, (1-26). 8 M.

0431.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE.)

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Valulina schuageri. Chapman, F. Geol. Mag., London, (Ser. 2), [4], 9, 1902, (107).

Guettardia stümpeli n. sp. **Schrammen**, A. Hildesheim, Mitt. Roemer-Mus., Nr. 15, 1902, (1-26). 8 M.

[*Hexagonaria*]. v. *Aphrocallistes*.

Kentrosia n. gen. *K. inerustans* n. sp. **Schrammen**, A. Hildesheim, Mitt. Roemer-Mus., Nr. 15, 1902, (1-26). 8 M.

Leiostracosia n. gen. *L. punctata* n. sp. **Schrammen**, A. Hildesheim, Mitt. Roemer-Mus., Nr. 15, 1902, (1-26). 8 M.

Lepidospongia brandesi n. sp. **Schrammen**, A. Hildesheim, Mitt. Roemer-Mus., Nr. 15, 1902, (1-26). 8 M.

Leptophragma pusilla n. sp. **Schrammen**, A. Hildesheim, Mitt. Roemer-Mus., Nr. 15, 1902, (1-26). 8 M.

Microblastidium n. gen. *M. decurrens* n. sp. **Schrammen**, A. Hildesheim, Mitt. Roemer-Mus., Nr. 15, 1902, (1-26). 8 M.

Pachylepisma n. gen. *P. robusta* n. sp. **Schrammen**, A. Hildesheim, Mitt. Roemer-Mus., Nr. 15, 1902, (1-26). 8 M.

Plectodermatium n. gen. *P. fragile* n. sp. **Schrammen**, A. Hildesheim, Mitt. Roemer-Mus., Nr. 15, 1902, (1-26). 8 M.

Placoscyphia acinosa n. sp. **Schrammen**, A. Hildesheim, Mitt. Roemer-Mus., Nr. 15, 1902, (1-26). 8 M.

Polyopesia n. gen. *P. angustata* n. sp. **Schrammen**, A. Hildesheim, Mitt. Roemer-Mus., Nr. 15, 1902, (1-26). 8 M.

Procurete n. gen. *P. plicates* n. sp. **Schrammen**, A. Hildesheim, Mitt. Roemer-Mus., Nr. 15, 1902, (1-26). 8 M.

Typhlopleura n. gen. *T. dichotoma* n. sp. **Schrammen**, A. Hildesheim, Mitt. Roemer-Mus., Nr. 15, 1902, (1-26). 8 M.

Ventriculites stellatus n. sp. **Schrammen**, A. Hildesheim, Mitt. Roemer-Mus., Nr. 15, 1902, (1-26). 8 M.

Bryograptus divergens. **Eiles**, G. L. and **Wood**, E. M. R. London, Monogr. Palaeontogr. Soc., 56, 1902, (90).

Goniograptus thureau McCoy. **Eudemann**, R. Albany, Univ. N.Y., Bull. St. Mus., 52, (Palaeontology 6), 1902, (576-592). [N 0815 0831].

Heliolites caespitosa "Salter." **Reed**, F. R. C. Geol. Mag., London, (Ser. 2), [4], 9, 1902, (258).

Holograptus deani, Lapworth. **Eiles**, G. L. and **Wood**, E. M. R. London, Monogr. Palaeontogr. Soc., 56, 1902, (75).

Monticulipora (Monotrypa) poculum. **Salter**, **Reed**, F. R. C. Geol. Mag., London, (Ser. 2), [4], 9, 1902, (337).

Pterograptus scanicus n. sp. **Moberg**, J. C. Stockholm, Geol. För. Förh., 23, 1901, (335-340).

Tetragraptus reclinatus, *T. amii* Lapworth. **Eiles**, G. L. and **Wood**, E. M. R. London, Monogr. Palaeontogr. Soc., 56, 1902, (60, 67).

Trachypora seeleyi, **Salter**. **Reed**, F. R. C. Geol. Mag., London, (Ser. 2), [4], 9, 1902, (338).

0831.55 UPPER PALAEOZOIC.

Aerophyllum rugosum n. sp. **Greene**, G. K. Contribution to Indiana palaeontology. Part VI. New Albany, Ind., 1901, (42-49). 22.8 cm.

Aulacophyllum nn. spp. **Herser**, H. Columbus, Rep. Ohio. Acad. Sci., 1901, 1902, (49-59).

Blothrophyllum coniferum n. sp. **Greene**, G. K. Contribution to Indiana palaeontology. Part VI. New Albany, Ind., 1901, (42-49). 22.8 cm.

Blothrophyllum greenei n. sp. (Rowley). **Greene**, G. K. Contribution to Indiana palaeontology. Part VIII. New Albany, Ind., 1901, (62-74). 22.8 cm.

Bordenia n. gen. *B. zaphrentiformis* n. sp. **Greene**, G. K. Contribution to Indiana palaeontology. Part VII. New Albany, Ind., 1901, (50-61). 22.8 cm.

Calophyllum tschernyschevi n. sp. **Lebedev**, N. St. Petersburg, Mém. Com. géolog., XVII, 2, 1902, (I-X, 1-135); deutsches Rés., (137-180).

0831 COELENTERATA.

0831.50 LOWER PALAEOZOIC.

Azygograptus hicksii (Hopkinson; *Tetragraptus*). **Eiles**, G. L. and **Wood**, E. M. R. London, Monogr. Palaeontogr. Soc., 56, 1902, (94).

Campophyllum keymerlingi n. sp. **Lebedev**, N. St. Petersburg, Mém. Com. géolog., XVII, 2, 1902, (I-X, 1-135); deutsches Rés., (137-180).

Ceratopora nn. spp. **Greene**, G. K. Contribution to Indiana palaeontology. Part IX. New Albany, Ind., 1902, (75-84). 22.8 cm.

Ceratopora agglomerata n. sp. **Grabau**. **Greene**, G. K. Contribution to Indiana palaeontology. Part VII. New Albany, Ind., 1901, (50-61). 22.8 cm.

Chonophyllum nn. spp. **Greene**, G. K. Contribution to Indiana palaeontology. Part VI. New Albany, Ind., 1901, (42-49). 22.8 cm.

Chonophyllum nn. spp. **Herzer**, H. Columbus, Rep. Ohio Acad. Sci., 1901, 1902, (49-59).

Cladopora nn. spp. **Clarke**, J. M. Albany Univ. N.Y. Rep. St. Mus., No. 53, 1899, 2, 1901, (Mem. St. Mus., 3, 1900), (6-128).

Cyathophyllum nn. spp. **Lebedev**, N. St. Petersburg, Mém. Com. géolog., XVII, 2, 1902, 1902, (I-X, 1-135); deutsches Rés., (137-180).

Cyathophyllum capax n. sp. **Herzer**, H. Columbus, Rep. Ohio Acad. Sci., 1901, 1902, (49-59).

Cystelasma septata n. sp. **Greene**, G. K. Contribution to Indiana palaeontology. Part VII. New Albany, Ind., 1901, (50-61). 22.8 cm.

Cystiphyllum nn. spp. **Greene**, G. K. Contribution to Indiana palaeontology. Part VI, VIII. New Albany, Ind., 1901, (42-49, 62-74). 22.8 cm.

Cystiphyllum nn. spp. **Herzer**, H. Columbus, Rep. Ohio Acad. Sci., 1901, 1902, (49-59).

Cystiphyllum australasica. **Etheridge**, R., jun. Sydney, N.S.W., Rec. Austr. Mus., 4, No. 7, 1902, (253-262).

Desmidopora nicholsoni. **Etheridge**, R., jun. Sydney, N.S.W., Rec. Austr. Mus., 4, No. 7, 1902, (253-262).

Diphyphyllum gemmiformis. **Etheridge**, R., jun. Sydney, N.S.W., Rec. Austr. Mus., 4, No. 7, 1902, (253-262).

Enallophyllum n. gen. *E. grabau* n. sp. **Greene**, G. K. Contribution to Indiana palaeontology. Part VII. New Albany, Ind., 1901, (50-61). 22.8 cm.

(K-1383)

Favosites cystoides n. sp. **Herzer**, H. Columbus, Rep. Ohio Acad. Sci., 1901, 1902, (49-59).

Favosites seamani n. sp. **Greene**, G. K. Contribution to Indiana palaeontology. Part IX. New Albany, Ind., 1902, (75-84). 22.8 cm.

Hadrophyllum linuloideum n. sp. **Herzer**, H. Columbus, Rep. Ohio Acad. Sci., 1901, 1902, (49-59).

Heliophyllum nn. spp. **Greene**, G. K. Contribution to Indiana palaeontology. Part VI, VII, VIII. New Albany, Ind., 1901, (42-49, 50-61, 62-74). 22.8 cm.

Romingeria cystoides n. sp. **Grabau**. **Greene**, G. K. Contribution to Indiana palaeontology. Part VII. New Albany, Ind., 1901, (50-61). 22.8 cm.

Syringopora spelaeus. **Etheridge**, R., jun. Sydney, N.S.W., Rec. Austr. Mus., 4, No. 7, 1902, (253-262).

Thecia nn. spp. **Herzer**, H. Columbus, Rep. Ohio Acad. Sci., 1901, 1902, (49-59).

Vermipora streptocoelia n. sp. **Clarke**, J. M. Albany, Univ. N.Y., Rep. St. Mus., No. 53, 1899, 2, 1901, (Mem. St. Mus., 3, 1900), (6-128).

Zaphrentis nn. spp. **Greene**, G. K. Contribution to Indiana palaeontology. Part VI, VIII. New Albany, Ind., 1901, (42-49, 62-74). 22.8 cm.

Zaphrentis neptuni n. sp. **Herzer**, H. Columbus, Rep. Ohio Acad. Sci., 1901, 1902, (49-59).

0831.70 JURASSIC.

Atollites n. gen. *A. sitti* *A. minor* nn. spp. **Maas**, O. Palaeontographica, Stuttgart, 48, 1902, (297-321).

Cannostomites n. gen. *C. multicirrata* n. sp. **Maas**, O. Palaeontographica, Stuttgart, 48, 1902, (297-321).

Medusina geryonoides. **Fuchs**, Th. Centralbl. Min., Stuttgart, 1901, (166-167).

Medusina geryonoides. **Huene**, Fr. von. Centralbl. Min., Stuttgart, 1901, (167).

Myogramma n. gen. *M. speciosus* n. sp. **Maas**, O. Palaeontographica, Stuttgart, 48, 1902, (297-321).

0831.75 CRETACEOUS.

Atollites n. gen. *A. zitteli*. *A. minor*. nn. spp. **Maas**, O. *Palaeontographica*, Stuttgart, **48**, 1902, (297-321).

Cannostomites n. gen. *C. multicirrata* n. sp. [*Rhizostomites*]. **Maas**, O. *Palaeontographica*, Stuttgart, **48**, 1902, (297-321, mit 2 Taf.).

Myogramma n. gen. *M. speciosum* n. sp. **Maas**, O. *Palaeontographica*, Stuttgart, **48**, 1902, (297-321).

0831.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

Ceratotrochus nn. spp. **Dennant**, J. Adelaide, S. Aust., Trans. R. Soc., **26**, 1902, (255-264).

Conocyathus scrobiculatus n. sp. **Dennant**, J. Adelaide, S. Aust., Trans. R. Soc., **26**, 1902, (255-264).

Cyathosmilia velata n. sp. **Dennant**, J. Adelaide, S. Aust., Trans. R. Soc., **26**, 1902, (255-264).

Deltocyathus subviola n. sp. **Dennant**, J. Adelaide, S. Aust., Trans. R. Soc., **26**, 1902, (1-6).

Desmophyllum joannense n. sp. **Dennant**, J. Adelaide, S. Aust., Trans. R. Soc., **26**, 1902, (1-6).

Holotrochus n. gen. *H. scriptus* n. sp. **Dennant**, J. Adelaide, S. Aust., Trans. R. Soc., **26**, 1902, (1-6).

Kerunia cornuta May-Eym. **Oppenheim**, P. Centralbl. Min., Stuttgart, **1902**, (44-49).

Kerunia cornuta May-Eym. **Vinassa de Begny**, P. Centralbl. Min., Stuttgart, **1902**, (137-139).

Paracyathus marylandicus n. sp. **Vaughan**, T. W. Maryland, Geol. Surv. (Eocene), Baltimore, 1901, (222-232).

Parasmilia hermani n. sp. **Dennant**, J. Adelaide, S. Aust., R. Soc., **26**, 1902, (1-6).

Platytrachus nn. spp. **Dennant**, J. Adelaide, S. Aust., Trans. R. Soc., **26**, 1902, (225-264).

0831.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Heliasiraena. **Schaffer**, F. [X.]. Wien, Jahrb. Geol. Rchs-Anst., **51**, 1901, 1902, (41-74).

1031 ECHINODERMATA.

1031.45 PALAEOZOIC.

Forbesiocrinus. **Springer**, F. Amer. Geol., Minneapolis, Minn., **30**, 1902, (88-97).

Sagenocrinus americanus n. sp. **Springer**, F. Amer. Geol., Minneapolis, Minn., **30**, 1902, (88-97).

1031.50 LOWER PALAEOZOIC.

Crotaloecrinus cora (Hall). **Weller**, Stuart. Chicago, Ill., J. Geol., Univ. Chic., **10**, 1902, (532-534).

1031.55 UPPER PALAEOZOIC.

Agaricocrinus praecursor n. sp. **Rowley**, R. R. Amer. Geol., Minneapolis, Minn., **29**, 1902, (303-310).

Aorocrinus caesedayi var. *charlestonensis* n. var. (Rowley). **Greene**, George K. Contribution to Indiana palaeontology. Part VIII. New Albany, Ind., 1901, (62-74). 22.8 cm.

Aorocrinus depressus n. sp. **Greene**, G. K. Contribution to Indiana palaeontology. Part VIII. New Albany, Ind., 1901, (62-74).

Ceriocrinus harshbarger n. sp. **Beede**, J. W. Lawrence, Kan. Univ. Sci. Bull., **1**, 1902, (147-153).

Cyathocrinus nn. spp. **Rowley**, R. R. Amer. Geol., Minneapolis, Minn., **29**, 1902, (303-310).

Ecdiocrinus becraftensis n. sp. **Clarke**, John M[ason]. Albany, Univ., N.Y., Rep. St. Mus., No. 53, 1899, 2, 1901, (Mem. St. Mus., 3, 1900), (6-128).

Eretmocrinus nn. spp. **Rowley**, R. R. Amer. Geol., Minneapolis, Minn., 29, 1902, (303-310).

Lococrinus nn. spp. et n. var. **Rowley**, R. R. Amer. Geol., Minneapolis, Minn., 29, 1902, (303-310).

Megistocrinus nn. spp. et n. var. (Rowley). **Greene**, George K. Contribution to Indiana palaeontology. Part VIII. New Albany, Ind., 1901, (62-74). 22.8 cm.

Pentremites allus n. sp. (Rowley). **Greene**, George K. Contribution to Indiana palaeontology. Part VIII. New Albany, Ind., 1901, (62-74). 22.8 cm.

Nucleocrinus nn. spp. et n. var. (Rowley). **Greene**, George K. Contribution to Indiana palaeontology. Part IX. New Albany, Ind., 1902, (75-84). 22.8 cm.

Scaphiocrinus longitentaculatus n. sp. (Rowley). **Greene**, George K. Contribution to Indiana palaeontology. Part VII. New Albany, Ind., 1901, (50-61). 22.8 cm.

1031.75 CRETACEOUS.

Brissopsis constricta n. sp. **Gauthier**, V. Etudes géologiques. Partie III. Paris (Leroux), 1902, (1 + 110-190).

Caratomus. **Schlüter**, C. Berlin, Zs. D. geol. Ges., 54, 1902, Aufsätze, (302-335).

Cidaris scabra n. sp. **Gauthier**, V. Etudes géologiques. Partie III. Paris (Leroux), 1902, (1 + 110-190).

Cionobrissis morgani n. sp. **Gauthier**, V. Etudes géologiques. Partie III. Paris (Leroux), 1902, (1 + 10-190).

Discoides morgani n. sp. **Gauthier**, V. Etudes géologiques. Partie IV. Paris (Leroux), 1902, (1 + 110-190).

Echinolampas nn. spp. **Gauthier**, V. Etudes géologiques. Partie III. Paris (Leroux), 1902, (1 + 110-190).

Epiaster lamberti n. sp. **Gauthier**, V. Etudes géologiques. Partie III. Paris (Leroux), 1902, (1 + 110-154).

Euspatangus ghiaranensis n. sp. **Gauthier**, V. Etudes géologiques. Partie III. Paris, (Leroux), 1902, (1 + 110-190).

Hemiasler nn. spp. **Gauthier**, V. Etudes géologiques. Partie III. Paris (Leroux), 1902, (1 + 110-190).

Holaster ananchytoides n. sp. **Elbert**, J. Bonn, Verh. nathist. Ver., 53, (1901), 1902, (97-167).

Holaster laevis De Luc, var. *planus* Mantell. **Bell**, R. Irish Nat., Dublin, 11, 1902, (222).

Holaster planus Mant. var. *quadragulus* n. var. **Elbert**, J. Bonn, Verh. nathist. Ver., 53, (1901), 1902, (97-167).

Holaster subconicus n. sp. **Gauthier**, V. Etudes géologiques. Partie III. Paris (Leroux), 1902, (1 + 110-190). 28 cm.

Holasteropsis n. gen. II. *credneriana* n. sp. **Elbert**, J. Bonn, Verh. nathist. Ver., 53, (1901), 1902, (97-167).

Hypaster nn. spp. **Gauthier**, V. Etudes géologiques. Partie III. Paris (Leroux), 1902, (1 + 110-190).

Iraniasler nodulosus n. sp. **Gauthier**, V. Etudes géologiques. Partie III. Paris (Leroux), 1902, (1 + 110-190).

Marsupites. **Jukes-Brown**, A. J. Geol. Mag., London, (Ser. 2), [4], 9, 1902, (449-450).

Opissaster douvillei n. sp. **Gauthier**, V. Etudes géologiques. Partie III. Paris (Leroux), 1902, (1 + 110-190).

Orthischinus cotteau n. sp. **Gauthier**, V. Etudes géologiques. Partie III. Paris (Leroux), 1902, (1 + 110-190).

Pericormus douvillei n. sp. **Gauthier**, V. Etudes géologiques. Partie III. Paris (Leroux), 1902, (1 + 110-190).

Rhabdocidaris nn. spp. **Gauthier**, V. Etudes géologiques. Partie III. Paris (Leroux), 1902, (1 + 110-190).

Schizaster persicus n. sp. **Gauthier**, V. Etudes géologiques. Partie III. Paris (Leroux), 1902, (1 + 110-190).

Stenonia morgani n. sp. **Gauthier**, V. Etudes géologiques. Partie III. Paris (Leroux), 1902, (1 + 110-190).

1031.90 UPPER CAENOZOIC
(MIOCENE, PLIOCENE).

Brissopsis. Schaffer, F. X. Wien, Jahrb. Geol. Rchs-Anst., **52**, 1902, (1-38).

Brissopsis anatolica n. sp. Toulà, F. Wien, Jahrb. Geol. Rchs-Anst., **51**, 1901, (247-264).

Clypeaster. Schaffer, F. X. Wien, Jahrb. Geol. Rchs-Anst., **52**, 1902, (1-38).

Clypeaster. Schaffer, F. X. Wien, Jahrb. Geol. Rchs-Anst., **51**, 1901, 1902, (41-74).

Clypeaster. Toulà, F. Wien, Jahrb. Geol. Rchs-Anst., **51**, 1901, 1902, (247-264).

Heteroclypeus. Schaffer, F. X. Wien, Jahrb. Geol. Rchs-Anst., **52**, 1902, (1-38).

Sarsella. Schaffer, F. X. Wien, Jahrb. Geol. Rchs-Anst., **52**, 1902, (1-38).

Schizaster. Schaffer, F. X. Wien, Jahrb. Geol. Rchs-Anst., **52**, 1902, (1-38).

Schizaster. Schaffer, F. X. Wien, Jahrb. Geol. Rchs-Anst., **51**, 1901, 1902, (41-74).

1831 VERMES.

1831.50 LOWER PALAEOZOIC.

Eopolychaetus n. gen. *E. albaniensis* n. sp. Ruedemann, Rudolf. Albany, Univ. N.Y., Bull. St. Mus., No. **42**, **8**, 1901, (489-596).

Hyolithus. v. Mollusca, Gastropoda.

Pontobdellopsis n. gen. *P. cometa* n. sp. Ruedemann, Rudolf. Albany, Univ. N.Y., Bull. St. Mus., No. **42**, **8**, 1901, (489-596).

Tentaculites. v. Mollusca, Gastropoda.

1831.55 UPPER PALAEOZOIC.

Spirorbis assimilis n. sp. Clarke, John M[ason]. Albany, Univ. N.Y., Rep. St. Mus., No. **53**, 1899, **2**, 1901, (Mem. St. Mus., **3**, 1900), (6-128).

1831.75 CRETACEOUS.

Daemonehelix cretacea n. sp. Elbert, J. Bonn, Verh. nat. hist. Ver., **58**, (1901), 1902, (97-167).

2031 BRACHIOPODA AND BRYOZOA.

BRACHIOPODA.

2031.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Platystrophia lynx. Cummings, E. R. and Mauck, A. V. Amer. J. Sci., New Haven, Conn., (Ser. 4), **14**, 1902, (9-16).

2031.45 PALAEOZOIC.

Eunoa n. gen. *E. accola* n. sp. Clarke, J. M. Albany, Univ. N.Y., Bull. St. Mus., No. **52**, 1902, (606-615).

Orbiculoidea magnifica n. sp. Clarke, J. M. Albany, Univ. N.Y., Bull. St. Mus., No. **52**, 1902, (606-615).

2031.50 LOWER PALAEOZOIC.

Acrotreta nn. spp. Walcott, C. D. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., **25**, 1902, (577-612).

Acrotreta sabrinae (Call.) var. *malvernensis*. Matley, C. A. Q. J. Geol. Soc., **58**, 1902, (143, with fig.).

Barrandella kjerulfi n. sp. **Klaer, J.** Norges geol. Und., Kristiania, **34**, 1902, (94); English Summary, (17).

Bröggeria n. subgen. (*Obolus*). **Walcott, C. D.** Washington, D.C., Smithsonian Inst., Nation. Mus., Proc., **25**, 1902, (577-612).

Christiania tregonensis n. sp. **Euedemann, R.** Albany, Univ. N.Y., Bull. St. Mus., **49**, 1901, (3-114).

Holorrhynchus n. gen. *H. giganteus* n. sp. **Klaer, J.** Norges geol. Und., Kristiania, **34**, 1902, (94); English Summary, (17).

Leptobolus walcotti n. sp. **Euedemann, R.** Albany, Univ. N.Y., Bull. St. Mus., No. **42**, **3**, 1901, (489-596).

Linnarssonella n. gen. *L. girtyi* *L. tennesseensis* nn. spp. **Walcott, C. D.** Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., **25**, 1902, (577-612).

Obolella groomsi. **Matley, C. A. Q.** J. Geol. Soc., **53**, 1902, (137, with fig.).

Obolus (*Lingulella*, *Westonia*) nn. spp. **Walcott, C. D.** Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., **25**, 1902, (577-612).

Plectambonites pinum n. sp. **Euedemann, R.** Albany, Univ. N.Y., Bull. St. Mus., **49**, 1901, (3-114).

Schizotreta papilliformis n. sp. **Euedemann, R.** Albany, Univ. N.Y., Bull. St. Mus., No. **42**, **3**, 1901, (489-596).

2031.55 UPPER PALAEOZOIC.

Brachypirion nn. spp. **Clarke, J. M.** Albany, Univ. N.Y., Rep. St. Mus., No. **53**, **1899**, **2**, 1901, (Mem. St. Mus., **3**, 1900), (6-128).

Chonetes aspinosa. **Dun, W. S.** Sydney, N.S.W., Rec. Geol. Surv., N. S. Wales, **7**, pt. 2, 1902, (68-71, with pls. 19, 20).

Chonetes cinctatus n. sp. **Hesser, H.** Columbus, Rep. Ohio Acad. Sci., **1901**, 1902, (49-59).

Chonetes hudsonica n. sp. **Clarke, J. M.** Albany, Univ. N.Y., Rep. St. Mus., No. **53**, **1899**, **2**, 1901, (Mem. St. Mus., **3**, 1900), (6-128).

Crania nn. spp. (Rowley). **Greene, G. K.** Contribution to Indiana palaeontology. Part VII, VIII. New Albany, Ind., 1901, (50-61, 62-74). 22.8 cm.

Cryptonella (?) *fausta* n. sp. **Clarke, J. M.** Albany, Univ. N.Y., Rep. St. Mus., No. **53**, **1899**, **2**, 1901, (Mem. St. Mus., **3**, 1900), (6-128).

Cyrtina varia n. sp. **Clarke, J. M.** Albany, Univ. N.Y., Rep. St. Mus., No. **53**, **1899**, **2**, 1901, (Mem. St. Mus., **3**, 1900), (6-128).

Dielasma rhenanea n. sp. **Drevermann, F.** Palaeontographica, Stuttgart, **49**, 1902, (73-120).

Dielasma schucherti n. sp. **Beede, J. W.** Advance Bulletin of the First Biennial Report of the Geological Survey of Oklahoma, 1902, (1-11). 22.8 cm.

Leptostrophia oriskania n. sp. **Clarke, J. M.** Albany, Univ. N.Y., Rep. St. Mus., No. **53**, **1899**, **2**, 1901, (Mem. St. Mus., **3**, 1900), (6-128).

Meristella nn. spp. **Clarke, J. M.** Albany, Univ. N.Y., Rep. St. Mus., No. **53**, **1899**, **2**, 1901, (Mem. St. Mus., **3**, 1900), (6-128).

Orbiculoidea parva n. sp. (Rowley). **Greene, G. K.** Contribution to Indiana palaeontology. Part VIII. New Albany, Ind., 1901, (62-74). 22.8 cm.

Oriskania sinuata n. sp. **Clarke, J. M.** Albany, Univ. N.Y., Rep. St. Mus., No. **53**, **1899**, **2**, 1901, (Mem. St. Mus., **3**, 1900), (6-128).

Orthothetes becraftensis n. sp. **Clarke, J. M.** Albany, Univ. N.Y., Rep. St. Mus., No. **53**, **1899**, **2**, 1901, (Mem. St. Mus., **3**, 1900), (6-128).

Philhedra schuerdi n. sp. **Drevermann, F.** Palaeontographica, Stuttgart, **49**, 1902, (73-120).

Productus barringtonensis n. sp. **Dun, W. S.** Sydney, N.S.W., Rec. Geol. Surv., N.S. Wales, **7**, pt. 2, 1902, (91-93).

Productus parvicostatus n. sp. (Rowley). **Greene, G. K.** Contribution to Indiana palaeontology. Part VIII. New Albany, Ind., 1901, (62-74). 22.8 cm.

Rhynchonella dunensis n. sp. **Drevermann, D.** Palaeontographica, Stuttgart, **49**, 1902, (73-120).

Seminula argentia (Shopard) Hall.
Beede, J. W. Lawrence, Kan. Univ. Sci.
Bull., 1, 1902, (155-159).

Spirifer lateralis var. *delicatus* n. var.
(Rowley). Greene, G. K. Contribution
to Indiana palaeontology. Part VIII.
New Albany, Ind., 1901, (62-74).
22.8 cm.

Spirifer pikensis n. sp. Rowley, R.
R. Amer. Geol., Minneapolis, Minn.,
29, 1902, (303-310).

Spiriferina horizontalis n. sp. (Rowley).
Greene, G. K. Contribution to Indiana
palaeontology. Part VIII. New Albany,
Ind., 1901, (62-74). 22.8 cm.

Stropheodon'a nn. spp. Drevermann,
F. Palaeontographica, Stuttgart, 49,
1902, (73-120).

Uncinulus nn. spp. Drevermann, D.
Palaeontographica, Stuttgart, 49, 1902,
(73-120).

2031.70 JURASSIC.

Discina holdenis (sic) Tate. Bell, R.
Irish Nat., Dublin, 11, 1902, (103).

Spiriferina aequiglobata n. sp. Uhlig,
Victor. Prag. Abh. Lotos, 2, 1901,
1. Heft, 1900, (32).

2031.75 CRETACEOUS.

Rhynchonella nn. spp. Anderson,
F. M. San Francisco, Proc. Cal. Acad.
Sci., (Ser. 3), 2, 1902, (1-154).

Rhynchonella eyrei n. sp. Etheridge,
R. jun. Adelaide, S. Aust., Mem. R.
Soc., 2, 1902, (1-54).

2031.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

Platidia marylandica n. sp. Clark,
W. B. and Martin, G. C. Maryland,
Geol. Surv., Eocene, Baltimore, 1901,
(203-205).

2031.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Crania patagonica n. sp. Dall,
William Healey. Washington, D.C.,
Smithsonian Inst., Nation. Mus. Proc.,
24, 1902, (499-566). Separate.
24.5 cm.

Terebratalia hemphilli n. sp. Dall,
William Healey. Washington, D.C.,
Smithsonian Inst., Nation. Mus. Proc.,
24, 1902, (499-566). Separate.
24.5 cm.

BRYOZOA

2031.50 LOWER PALAEOZOIC.

Homotrypa bossleri n. sp. Nickles,
J. M. Cincinnati, Ohio, J. Soc. Nat.
Hist. 20, 1902, (103-105).

2031.55 UPPER PALAEOZOIC.

Hederella nn. spp. Clarke, J. M.
Albany, Univ. N.Y., Rep. St. Mus., No.
53, 1899, 2, 1901, (Mem. St. Mus., 3,
1900), (6-18).

2031.80 CAENOZOIC.

Catenariopsis morningtoniensi Map.
Maplestone, C. M. Melbourne, Proc.
R. Soc. Vict., 15, (N. Ser.), 1902,
(17, pl. I).

Lagenipora nn. spp. Maplestone,
C. M. Melbourne, Proc. R. Soc. Vict.,
(N. Ser.), 15, 1902, (24-25, pl. II).

Lekythopora nn. spp. Maplestone,
C. M. Melbourne, Proc. R. Soc. Vict.,
(N. Ser.), 15, 1902, (25, pl. II).

Microporella marginata n. sp.
Maplestone, C. M. Melbourne, Proc.
R. Soc. Vict., (N. Ser.), 15, 1902, (18,
pl. I).

Mucronella nn. spp. **Maplestone**, C. M. Melbourne, Proc. R. Soc. Vict., (N. Ser.), **15**, 1902, (20-22, pls. I and II).

Porella nn. spp. **Maplestone**, C. M. Melbourne, Proc. R. Soc. Vict., (N. Ser.), **15**, 1902, (19-20, 21, 26, pls. I and II).

Porina tuberculosa n. sp. **Maplestone**, C. M. Melbourne, Proc. R. Soc. Vict., (N. Ser.), **15**, 1902, (23, pl. II).

Smittia maegillitrayi n. nom. *S. transversa* McG.; *S. centralis* var. *laevigata* Waters. **Maplestone**, C. M. Melbourne, Proc. R. Soc. Vict., (N. Ser.), **15**, 1902, (17-19, pl. I).

Trigonopora n. gen., *T. vermicularis* n. sp. **Maplestone**, C. M. Melbourne, Proc. R. Soc. Vict., (N. Ser.), **15**, 1902, (23, pl. II).

2031.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

Aspidostoma aircensis n. sp. **Maplestone**, C. M. Melbourne, Proc. R. Soc. Vict., **14**, (N. Ser.), 1902, (71, with pl. viii).

Cavaria dumosa n. sp. **Ulrich**, E. O. Maryland, Geol. Surv. (Eocene), Baltimore, **1901**, (205-222).

Cellaria nn. spp. **Maplestone**, C. M. Melbourne, Proc. Soc., Vict., **14**, (N. Ser.), 1902, (71-72 with pl. ix).

Cribrilina nn. spp. **Ulrich**, E. O. Maryland, Geol. Surv. (Eocene), Baltimore, **1901**, (205-222).

Discosparsa varians n. sp. **Ulrich**, E. O. Maryland, Geol. Surv. (Eocene), Baltimore, **1901**, (205-222).

Fascipora subramosa n. sp. **Ulrich**, E. O. Maryland, Geol. Surv. (Eocene), Baltimore, **1901**, (205-222).

Gemellipora auriculata n. sp. **Maplestone**, C. M. Melbourne, Proc. R. Soc., Vict., **14**, (N. Ser.), 1902, (71, with pl. viii).

Heteropora (?) *tecta* n. sp. **Ulrich**, E. O. Maryland, Geol. Surv. (Eocene), Baltimore, **1901**, (205-222).

Lepralia nn. spp. **Ulrich**, E. O. Maryland, Geol. Surv. (Eocene), Baltimore, **1901**, (205-222).

Lepralia (?) *bisinnata* n. sp. **Maplestone**, C. M. Melbourne, Proc. R. Soc., Vict., **14**, (N. Ser.), 1902, (73, with pl. ix).

Lunulites reversa n. sp. **Ulrich**, E. O. Maryland, Geol. Surv. (Eocene), Baltimore, **1901**, (205-222).

Membranipora nn. spp. **Ulrich**, E. O. Maryland, Geol. Surv. (Eocene), Baltimore, **1901**, (205-222).

Mucronella aspera n. spp. **Ulrich**, E. O. Maryland, Geol. Surv. (Eocene), Baltimore, **1901**, (205-222).

Micropora carinata. **Maplestone**, C. M. Melbourne, Proc. R. Soc. Vict., **14**, (N. Ser.), 1902, (65-74).

Schizoporella nn. spp. **Maplestone**, C. M. Melbourne, Proc. R. Soc. Vict., **14**, (N. Ser.), 1902, (65-74).

Schizoporella convexa Mc. G. **Maplestone**, C. M. Melbourne, Proc. R. Soc. Vict., **14**, (N. Ser.), 1902, (63-74).

Schizoporella fenestrata Waters. **Maplestone**, C. M. Melbourne, Proc. R. Soc. Vict., **14**, (N. Ser.), 1902, (65-74).

Schizoporella vigilans Waters. **Maplestone**, C. M. Melbourne, Proc. R. Soc. Vict., **14**, (N. Ser.), 1902, (65-74).

Trypocella n. gen. *T. excavata* n. sp. **Maplestone**, C. M. Melbourne, Proc. R. Soc., Vict., **14**, (N. Ser.), 1902, (73, with pl. ix).

2031.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Cellepora formosensis n. sp. **Newton**, R. B. and **Holland**, R. Tokyo, J. Coll. Sci., **17**, Art. 6, 1902, (1-23).

2231 MOLLUSCA.

CEPHALOPODA.

2231.35 GENERAL, INCLUDING
STRATA OF UNKNOWN
AGE.

Hexameroceras osiliense n. sp.
Jaekel, O. Berlin, Zs. D. Geol. Ges.
54, 1902, Protokolle, (7-9, 67-101).

2231.50 LOWER PALAEOZOIC.

Orthoceras fluctuatum Salter. Reed,
F. R. C. Geol. Mag., London, (Ser. 2),
[4], 9, 1902, (145).

Trochoceras spurium Salter. Reed,
F. R. C. Geol. Mag., London, (Ser. 2),
[4], 9, 1902, (145).

2231.55 UPPER PALAEOZOIC.

Arcuaceras n. gen. Herzer, H.
Columbus, Rep. Ohio Acad. Sci., 1901,
1902, (49-59).

Arcuaceras nn. spp. Herzer, H.
Columbus, Rep. Ohio Acad. Sci., 1901,
1902, (49-59).

Cranoceras ? ellipticum n. sp.
(Rowley) Greene, G. K. Contribution
to Indiana palaeontology. Part VII.
New Albany, Ind., 1901, (50-61).
22.8 cm.

Cyrtoceras nn. spp. Herzer, H.
Columbus, Rep. Ohio Acad. Sci., 1901,
1902, (49-59).

Epitornoceras n. gen. (Tornoc.) E.
irideum n. sp. Frech, F. Centralbl.
Min., Stuttgart, 1902, (172-176).

Gomphoceras nn. spp. (Rowley).
Greene, G. K. Contribution to Indiana
palaeontology. Part VII. New Albany,
Ind., 1901, (50-61). 22.8 cm.

Gomphoceras nn. spp. Herzer, H.
Columbus, Rep. Ohio Acad. Sci., 1901,
1902, (49-59).

Thoracoceras wilsoni n. sp. Clarke,
J. M. Albany, Univ. N.Y., Bull. St.
Mus., 49, 1901, (115-138).

Tornoceras bertrandi n. sp. Frech,
F. Centralbl. Min. Stuttgart, 1902,
(172-176).

2231.65 TRIASSIC.

Ceratites. Philipp, E. Centralbl.
Minn., Stuttgart, 1901, (551-557).

Ceratites. Tornquist, A. Centralbl.
Minn., Stuttgart, 1901, (385-396); ib.,
(740-746).

Flemingites praenuntius n. sp. Frech,
F. Centralbl. Minn., Stuttgart, 1902,
(134-137).

2231.70 JURASSIC.

Acanthoteuthis. Angermann, E. N.
Jahrb. Min., Stuttgart, Beilagebd, 15,
1902, (205-230).

Aegoceras n. sp. ind. Uhlig, V.
Prag, Ab. Lotos, 2, 1901, 1. Heft, 1900,
(32).

Ammonites calcar Zieten.
Orick, G. C. Geol. Mag., London, (Ser.
2), [4], 9, 1902, (47-48).

Arietites nn. spp. Uhlig, V. Prag,
Abh. Lotos, 2, 1901, 1. Heft, 1900, (32).

Atractites. Uhlig, V. Prag, Abh.
Lotos, 2, 1901, 1. Heft, 1900, (32).

Belemnites nn. spp. Janensch, W.
Abh. geol. Specialkarte, Els-Lothr.,
Strassburg, (N.F.), 5, 1902, (1-151).

Belemniteuthis montefiorei J. Buck-
man. Orick, G. C. London, Proc.
Malac. Soc., 5, pt. 1, 1902, (13-16).

Brasilia pinguis, *B. pulchra*, *B. sub-
lineata*, *B. effricata*. Buckman, S. S.
Emend. Ammon. Nomen., Cheltenham,
1902, (3).

Braunsia lenis. Buckman, S. S.,
Emend. Ammon. Nomen., Cheltenham,
1902, (3).

Braunsia augulifera, *B. futilis*.
Buckman, S. S., Emend. Ammon.
Nomen., Cheltenham, 1902, (3).

Canavaria folleata, *C. venustula*. **Buckman**, S. S., Emend. Ammon. Nomen., Cheltenham, 1902, (3).

Cottensoldia crinita, *C. superba*; *C. subcandida*, *C. misera*, *C. limatula*, *C. costulata* (Ziet.). **Buckman**, S. S., Emend. Ammon. Nomen., Cheltenham, 1902, (3).

Darellia laevis. **Buckman**, S. S., Emend. Ammon. Nomen., Cheltenham, 1902, (3).

Deltoceras subsectum. **Buckman**, S. S., Emend. Ammon. Nomen., Cheltenham, 1902, (3).

Deltoidoceras subdiscoideum. **Buckman**, S. S., Emend. Ammon. Nomen., Cheltenham, 1902, (3).

Depaceras n. gen. [type *Lioceras fallax*]. **Buckman**, S. S., Emend. Ammon. Nomen., Cheltenham, 1902, (3).

Depaceras fallax, *D. formosum*. **Buckman**, S. S., Emend. Ammon. Nomen., Cheltenham, 1902, (3).

Dissoroceras tabulatum. **Buckman**, S. S., Emend. Ammon. Nomen., Cheltenham, 1902, (3).

Dumortieria declinans, *D. brancoi*, *D. yeovilensis*, *D. exacta*, *D. lateolens*, *D. metita*, *D. munda*, *D. penexigua*, *D. rustica*, *D. signata*, *D. subexcentrica*. **Buckman**, S. S., Emend. Ammon. Nomen., Cheltenham, 1902, (5-6).

Fontannesia n. gen. [type *Dumortieria grammoceroideus* (Haug.)]. **Buckman**, S. S., Emend. Ammon. Nomen., Cheltenham, 1902, (6).

Fontannesia boweri (*Harpoceras*, 1883). **Buckman**, S. S., Emend. Ammon. Nomen., Cheltenham, 1902, (6).

Fontannesia carniata, *F. curvata*, *F. explanata*, *F. grammoceroideus*, *F. luculenta*, *F. tortiva*. **Buckman**, S. S., Emend. Ammon. Nomen., Cheltenham, 1902, (6).

Grammoceras audax, *G. penestriatum*. **Buckman**, S. S., Emend. Ammon., Cheltenham, 1902, (3).

Graphoceras decorum. **Buckman**, S. S., Emend. Ammon. Nomen., Cheltenham, 1902, (3).

Graphoceras flaccidum, *G. limitatum*, *G. stigmatum*, *G. undulatum*. **Buckman**, S. S., Emend. Ammon. Nomen., Cheltenham, 1902, (4).

Hammatoceras nn. spp. **Janensch**, W. Abh. geol. Spezialkarte Els.-Lothr., Strassburg, (N.F.), 5, 1902, (1-151).

Hyperlioceras deflexum, *H. discitifforme*, *H. lio-discites*, *H. sublevis*. **Buckman**, S. S., Emend. Ammon. Nomen., Cheltenham, 1902, (4).

Hildoceras semipolatum. **Buckman**, S. S., Emend. Ammon. Nomen., Cheltenham, 1902, (4).

Lioceras concavum. **Strübin**, K. Centralbl. Minn., Stuttgart, 1901, (585-587).

Lucya n. gen. [type *Lud. lucyi*, pars]. **Buckman**, S. S., Emend. Ammon. Nomen., Cheltenham, 1902, Cheltenham, (4).

Lucya caducifera, *L. cavata*, *L. magna*. **Buckman**, S. S., Emend. Ammon. Nomen., Cheltenham, 1902, (4).

Ludrigella n. gen. [type *Lioceras cornu*, pars]. *L. arcitenens*, *L. subrudis*. **Buckman**, S. S., Emend. Ammon. Nomen., Cheltenham, 1902, (4).

Lytoceras. **Uhlig**, Victor. Prag, Abh. Lotos, 2, 1901, 1. Heft, 1900, (32).

Lytoceras alsaticum n. sp. **Janensch**, W. Abh. geol. Spezialkarte Els.-Lothr., Strassburg, (N.F.), 5, 1902, (1-151).

Nautilus robustus Foord and Crick. **Crick**, G. C. Geol. Mag., London, (Ser. 2), [4], 9, 1902, (342).

Ozynoticeras. **Uhlig**, V. Prag, Abh. Lotos, 2, 1901, 1. Heft, 1900, (32).

Phlyseogrammoceras metallarium. **Buckman**, S. S., Emend. Ammon. Nomen., Cheltenham, 1902, (4).

Phylloceras. **Uhlig**, V. Prag, Abh. Lotos, 2, 1901, 1. Heft, 1900, (32).

Platygraphoceras apertum, *P. compactum*. **Buckman**, S. S., Emend. Ammon. Nomen., Cheltenham, 1902, (4).

Pleydellia fluens. **Buckman**, S. S., Emend. Ammon. Nomen., Cheltenham, 1902, (4).

Pseudogrammoceras bingmanni (Denckm.) *P. expeditum*, *P. explicatum*, *P. pachu*, *P. placidum*, *P. subfallaciosum*, *P. thrasu*. **Buckman**, S. S., Emend. Ammon. Nomen., Cheltenham, 1902, (4-5).

Pseudographoceras compressum. **Buckman**, S. S., Emend. Ammon. Nomen., Cheltenham, 1902, (5).

Pseudolioceras gradatum, *P. pumilum*, *P. replicatum*. **Buckman**, S. S., Emend. Ammon. Nomen., Cheltenham, 1902, (5).

Reynesella piodes. **Buckman**, S. S., Emend. Ammon. Nomen., Cheltenham, 1902, (5).

Reynesia coela, *R. lara*, *R. lepida*. **Buckman**, S. S., Emend. Ammon. Nomen., Cheltenham, 1902, (5).

Rhacophyllites bucovinicus n. sp. **Uhlig**, V. Prag. Abh. Lotos, 2, 1901, 1, Heft, 1900, (32).

Tmaegoceras H. **Orlik**, G. C. Geol. Mag., London, (Ser. 2), [4], 9, 1902, (127-128).

Toxolioceras walkeri. **Buckman**, S. S., Emend. Ammon. Nomen., Cheltenham, 1902, (5).

Walkeria arcuata, *W. burtonensis*, *W. subglabra*. **Buckman**, S. S., Emend. Ammon. Nomen., Cheltenham, 1902, (5).

Zigzagiceras n. gen. [type Ammon. zigzag, d'Orb.] *Z. zigzag*, (d'Orb.). **Buckman**, S. S., Emend. Ammon. Nomen., Cheltenham, 1902, (7).

Desmoceras. **Uhlig**, V. Wien, Denkschr. Ak. Wiss., 72, 1902, (1-87).

Desmoceras nn. spp. **Anderson**, F. M. San Francisco, Proc. Cal. Acad. Sci., (Ser. 3), 2, 1902, (1-154).

Desmoceras carolensis n. sp. **Etheridge**, R. jun. Adelaide, S. Aust., Mem. R. Soc., 2, 1902, (1-54).

Hamites nn. spp. **Anderson**, F. M. San Francisco, Proc. Cal. Acad. Sci., (Ser. 3), 2, 1902, (1-154).

Hamulina. **Uhlig**, V. Wien, Denkschr. Ak. Wiss., 72, 1902, (1-87).

Haploceras. **Uhlig**, V. Wien, Denkschr. Ak. Wiss., 72, 1902, (1-87).

Heteroceras ceratopse n. sp. **Anderson**, F. M. San Francisco, Proc. Cal. Acad. Sci., (Ser. 3), 2, 1902, (1-154).

Heteroceras simplicostatum Whitfield. **Whitfield**, R. P. New York, N.Y., Bull. Amer. Mus. Nat. Hist., 16, 1902, (67-72).

Holcodiscus. **Uhlig**, Victor. Wien, Denkschr. Ak. Wiss., 72, 1902, (1-87).

Holcostephanus. **Uhlig**, V. Wien, Denkschr. Ak. Wiss., 72, 1902, (1-87).

Hoplites nn. spp. **Uhlig**, V. Wien, Denkschr. Ak. Wiss., 72, 1902, (1-87).

Lindigia ? *nodosum* n. sp. **Anderson**, F. M. San Francisco, Proc. Cal. Acad. Sci., (Ser. 3), 2, 1902, (1-154).

Lytoceras (*Tetragonites* and *Gabbio-ceras*) nn. spp. **Anderson**, F. M. San Francisco, Proc. Cal. Acad. Sci., (Ser. 3), 2, 1902, (1-154).

Lytoceras triboleti, Hohenegger n. sp. **Uhlig**, V. Wien, Denkschr. Ak. Wiss., 72, 1902, (1-87).

Mortoniceras crenulatum n. sp. **Anderson**, F. M. San Francisco, Proc. Cal. Acad. Sci., (Ser. 3), 2, 1902, (1-154).

Nautilus. **Uhlig**, V. Wien, Denkschr. Ak. Wiss., 72, 1902, (1-87).

Nautilus gabbi n. sp. **Anderson**, F. M. San Francisco, Proc. Cal. Acad. Sci., (Ser. 3), 2, 1902, (1-154).

Olcostephanus nn. spp. **Bogoslavskij**, N. G. St. Peterburg, Mém. Com. géolog., (N. Sér.), 2, 1902, 1-110; deutsches Rés., (111-161).

2231.75 CRETACEOUS.

Acanthoceras nn. spp. **Anderson**, F. M. San Francisco, Proc. Cal. Acad. Sci., (Ser. 3), 2, 1902, (1-154).

Ammonites. **Solger**, F. Diss. Berlin, Giessen (Druck. v. Brühl), 1902, (64). 23 cm.

Ammonites herenskianus n. sp. **Bogoslavskij**, N. A. St. Peterburg, Mém. Com. géolog., (N. Sér.), 2, 1902, (1-110); deutsches Rés., (111-161).

Aptychus. **Uhlig**, V. Wien, Denkschr. Ak. Wiss., 72, 1902, (1-87).

Baculites fairbanksi n. sp. **Anderson**, F. M. San Francisco, Proc. Cal. Acad. Sci., (Ser. 3), 2, 1902, (1-154).

Belemnites. **Uhlig**, V. Wien, Denkschr. Ak. Wiss., 72, 1902, (1-87).

Crioceras. **Uhlig**, V. Wien, Denkschr. Ak. Wiss., 72, 1902, (1-87).

Oxynticeras nn. spp. **Uhlig**, V. Wien, Denkschr. Ak. Wiss., **72**, 1902, (1-87).

Pachyliscus nn. spp. **Anderson**, F. M. San Francisco, Proc. Cal. Acad. Sci., (Ser. 3), **2**, 1902, (1-154).

Perisphinctes n. sp. ind. **Uhlig**, V. Wien, Denkschr. Ak. Wiss., **72**, 1902, (1-87).

Phylloceras. **Uhlig**, V. Wien, Denkschr. Ak. Wiss., **72**, 1902, (1-87).

Phylloceras shaetalense n. sp. **Anderson**, F. M. San Francisco, Cal. Proc. Acad. Sci., (Ser. 3), **2**, 1902, (1-154).

Placenticeras californicum n. sp. **Anderson**, F. M. San Francisco, Proc. Cal. Acad. Sci., (Ser. 3), **2**, 1902, (1-155).

Prionotropis branneri n. sp. **Anderson**, F. M. San Francisco, Proc. Cal. Acad. Sci., (Ser. 3), **2**, 1902, (1-154).

Ptychoceras teschenense Hohenegger n. sp. **Uhlig**, V. Wien, Denkschr. Ak. Wiss., **72**, 1902, (1-87).

Scaphites constrictus Sow. **Wladislawski**, T. Koamos, Lwów, **27**, 1902, (406-408).

Scaphites nn. spp. **Anderson**, F. M. San Francisco, Proc. Cal. Acad. Sci., (Ser. 3), **2**, 1902, (1-154).

Scaphites eruciformis n. sp. **Etheridge**, R., jun. Adelaide, S. Aust., Mem. R. Soc., **2**, 1902, (1-54).

Schloenbachia nn. spp. **Anderson**, F. M. San Francisco, Proc. Cal. Acad. Sci., (Ser. 3), **2**, 1902, (1-154).

Schlueteria diabloensis n. sp. **Anderson**, F. M. San Francisco, Proc. Cal. Acad. Sci., (Ser. 3), **2**, 1902, (1-154).

Sonneratia stantoni n. sp. **Anderson**, F. M. San Francisco, Proc. Cal. Acad. Sci., (Ser. 3), **2**, 1902, (1-154).

2231.80 CAENOZOIC.

Nautilus caroli-ameghinai n. sp. **Ihering**, A. von. Philadelphia, Pa., Proc. Amer. Phil. Soc., **41**, 1902, (132-137).

GASTROPODA.

2231.50 LOWER PALAEOZOIC.

Aclisina obscura n. sp. **Donald**, J. London, Q. J. Geol. Soc., **58**, 1902, (337).

Conularia spp. **Reed**, F. R. C. Geol. Mag. London, (Ser. 2), [4], **9**, 1902, (122-126).

Cyrtospira attenuata n. sp. **Euedemann**, Rudolf. Albany, Univ. N.Y., Bull. St. Mus., **49**, 1901, (3-114).

Cyrtostropha n. gen. (type *Pleurotoma corallii* Sow.). *C. scitula*, *C. robusta*, *C. ordoviz* nn. spp. **Donald**, J. London, Q. J. Geol. Soc., **58**, 1902, (322, 324, 327, 328).

Cyrtostropha bicincta (*Murchisonia* McCoy). **Donald**, J. London, Q. J. Geol. Soc., **58**, 1902, (325).

Cyrtostropha obscura (*Loxonema*, Portlock). **Donald**, J. London, Q. J. Geol. Soc., **58**, 1902, (327).

Cyrtostropha torquata (*Murchisonia* McCoy). **Donald**, J. London, Q. J. Geol. Soc., **58**, 1902, (326).

Eetomaria antiqua (*Hormotoma* 1899). **Donald**, J. London, Q. J. Geol. Soc., **58**, 1902, (319).

Goniospira n. sub-gen. *G. filosa* n. sp. **Donald**, J. London, Q. J. Geol. Soc., **58**, 1902, (328-329).

Goniotropha elegans (*Murchisonia* Sollas). **Donald**, J. London, Q. J. Geol. Soc., **58**, 1902, (321).

Hyolithes spp. **Reed**, F. R. C. Geol. Mag., London, (Ser. 2), [4], **9**, 1902, (122-126).

Hyolithus malvernensis. *H. primaeus*. *H. assulatus*. **Groom**, T. London, Q. J. Geol. Soc., **58**, 1902, (115, 116, 119, with figs.).

Hyolithus rhine n. sp. **Euedemann**, Rudolf. Albany, Univ. N.Y., Bull. St. Mus., **49**, 1901, (3-114).

Lophospira nn. spp. **Donald**, J. London, Q. J. Geol. Soc., **58**, 1902, (333-334).

Lophospira angulocincta (*Murchisonia* Salter). **Donald**, J. London, Q. J. Geol. Soc., **58**, 1902, (332).

Murchisonia dudleyensis n. sp.
Donald, J. London, Q. J. Geol. Soc.,
58, 1902, (321).

Palaeoschisma n. sub-gen. *P. girva-*
nense n. sp. Donald, J. London, Q. J.
Geol. Soc., 58, 1902, (335-336).

Raphistoma (?) *bröggeri* n. sp.
Grönwall, K. A. Kjöbenhavn, Danm.
Geol. Unders., (Ser. 2), 13, 1902,
(XI + 230).

Strophostylus amplus n. sp. (Rowley).
Greene, George K. Contribution to
Indiana palaeontology. Part VIII.
New Albany, Ind., 1901, (62-74).
22.8 cm.

Turritoma ? nn. spp. Donald, J.
London, Q. J. Geol. Soc., 58, 1902,
(330-331).

2231.55 UPPER PALAEOZOIC.

Diaphorostoma desmatum n. sp.
Clarke, John M[ason]. Albany, Univ.
N.Y., Rep. St. Mus., No. 53, 1899, 2,
1901, (Mem. St. Mus., 3, 1900), (6-128).

Bellerophon nn. spp. Drevermann,
F. Palaeontographica, Stuttgart, 49,
1902, (73-120).

Keensia n. gen. Etheridge, R. jun.
Sydney, N.S.W., Rec. Austr. Mus., 4,
No. 5, 1902, (195-200).

Loxonema difficile n. sp. Sardeson,
F[rederick] W[illiam]. Amer. Geol.,
Minneapolis, Minn., 30, 1902, (300-
312).

Macrochilina onondagaensis n. sp.
Clarke, John M[ason]. Albany, Univ.
N.Y., Bull. St. Mus., 49, 1901, (115-
138).

Naticopsis dubia n. sp. (Rowley).
Greene, George K. Contribution to
Indiana palaeontology. Part VIII.
New Albany, Ind., 1901, (62-74).
22.8 cm.

Platyceris circularis n. sp.
(Rowley). Greene, George K. Con-
tribution to Indiana palaeontology.
Part VIII. New Albany, Ind., 1901,
(62-74). 22.8 cm.

Straparollus. Etheridge, R. jun.
Sydney, N.S.W., Rec. Austr. Mus.,
4, No. 5, 1902, (195-200).

Tentaculites? acus n. sp. Clarke,
John M[ason]. Albany, Univ. N.Y.,
Rep. St. Mus., No. 53, 1899, 2, 1901,
(Mem. St. Mus., 3, 1900), (6-128).

2231.65 TRIASSIC.

Actaeonina ovata n. sp. Picard, E.
Beitrag zur Kenntniss der Gastropoda
der mitteldeutschen Trias. Halle, 1902.
26 cm.

Adeorbis liscaviensis n. sp. Picard,
E. Beitrag zur Kenntniss der Gastro-
poda der mitteldeutschen Trias. Halle,
1902. 26 cm.

Delphinula kokeni n. sp. Picard, E.
Beitrag zur Kenntniss der Gastropoda
der mitteldeutschen Trias. Halle, 1902,
(99). 26 cm.

Euchrysatis rectelineata n. sp.
Picard, E. Beitrag zur Kenntniss der
Gastropoda der mitteldeutschen Trias
Halle, 1902. 26 cm.

Fedaiella magna n. sp. Picard, E.
Beitrag zur Kenntniss der Gastropoda
der mitteldeutschen Trias. Halle, 1902.
26 cm.

Fritschia n. gen. [*Delphinulopsis*]
F. multicostrata n. sp. Picard, E. Bei-
trag zur Kenntniss der Gastropoda der
mitteldeutschen Trias. Halle, 1902.
26 cm.

Loxonema nn. spp. Picard, E.
Beitrag zur Kenntniss der Gastropoda
der mitteldeutschen Trias. Halle, 1902.
26 cm.

Marmolatella n. sp. Picard, E.
Beitrag zur Kenntniss der Gastropoda
der mitteldeutschen Trias. Berlin, 1902.
26 cm.

Naticella nn. spp. Picard, E.
Beitrag zur Kenntniss der Gastropoda
der mitteldeutschen Trias. Halle, 1902.
26 cm.

Neritaria nn. spp. Picard, E.
Beitrag zur Kenntniss der Gastropoda
der mitteldeutschen Trias. Halle, 1902.
26 cm.

Protorecula nn. spp. Picard, E.
Beitrag zur Kenntniss der Gastropoda
der mitteldeutschen Trias. Halle, 1902.
26 cm.

Rhabdoconcha frittschi n. sp. **Picard**, E. Beitrag zur Kenntniss der Gastropoda der mitteldeutschen Trias. Halle, 1902. 26 cm.

Tectospira n. gen. [*Eunema* u. *Cirrus*] *T. chopi* n. sp. **Picard**, E. Beitrag zur Kenntniss der Gastropoda der mitteldeutschen Trias. Halle, 1902. 26 cm.

Temnotropis nn. spp. **Picard**, E. Beitrag zur Kenntniss der Gastropoda der mitteldeutschen Trias. Halle, 1902, (99). 26 cm.

Trypanostylus cylindricus n. sp. **Picard**, E. Beitrag zur Kenntniss der Gastropoda der mitteldeutschen Trias. Halle, 1902. 26 cm.

Turritella? nn. spp. **Picard**, E. Beitrag zur Kenntniss der Gastropoda der mitteldeutschen Trias. Halle, 1902. 26 cm.

Undularia nn. spp. **Picard**, E. Beitrag zur Kenntniss der Gastropoda der mitteldeutschen Trias. Halle, 1902. 26 cm.

Worthenia nn. spp. **Picard**, E. Beitrag zur Kenntniss der Gastropoda der mitteldeutschen Trias. Halle, 1902. 26 cm.

2231.75 CRETACEOUS.

Anchura condoniana n. sp. **Anderson**, F. M. San Francisco, Proc. Cal. Acad. Sci., (Ser. 3), 2, 1902, (1-154).

Ancilla milthersii n. sp. **Ravn**, J. P. J. Kjöbenhavn, Vid. Selsk. Skr., (Ser. 6), 11, [1902], (205-270).

Cerithium nn. spp. **Ravn**, J. P. J. Kjöbenhavn, Vid. Selsk. Skr., (Ser. 6), 11, [1902], (205-270).

Cinulia (Avellana) danica. **Ravn**, J. P. J. Kjöbenhavn, Vid. Selsk. Skr., (Ser. 6), 11, [1902], (205-270).

Cypraea globuliformis n. sp. **Ravn**, J. P. J. Kjöbenhavn, Vid. Selsk. Skr., (Ser. 6), 11, [1902], (205-270).

Delphinula? sturti n. sp. **Etheridge**, R. jun. Adelaide, S. Aust., Mem. R. Soc., 2, 1902, (1-54).

Ditremaria? cretacea n. sp. **Etheridge**, R. jun. Adelaide, S. Aust., Mem. R. Soc., 2, 1902, (1-54).

Fasciolaria glabra n. sp. **Ravn**, J. P. J. Kjöbenhavn, Vid. Selsk. Skr., (Ser. 6), 11, [1902], (205-270).

Fusus fazensis n. sp. **Ravn**, J. P. J. Kjöbenhavn, Vid. Selsk. Skr., (Ser. 6), 11, [1902], (205-270).

Gyrodes siakiyouensis n. sp. **Anderson**, F. M. San Francisco, Proc. Cal. Acad. Sci., (Ser. 3), 2, 1902, (1-54).

Ilaliotis lomaensis n. sp. **Anderson**, F. M. San Francisco, Proc. Cal. Acad. Sci., (Ser. 3), 2, 1902, (1-154).

Nassa? supracretacea n. sp. **Ravn**, J. P. J. Kjöbenhavn, Vid. Selsk. Skr., (Ser. 6), 11, [1902], (205-270).

Nerinea astrachanica n. sp. **Rehnbinder**, B. St. Peterburg, Mém. Com. géolog., XVII, 1, 1902, (1-82).

Pleurotoma fazensis, *P. cerithiorum*, *P. stenstrupii* nn. spp. **Ravn**, J. P. J. Kjöbenhavn, Vid. Selsk. Skr., (Ser. 6), 11, [1902], (205-270).

Scaloria elegans n. sp. **Ravn**, J. P. J. Kjöbenhavn, Vid. Selsk. Skr., (Ser. 6), 11, [1902], (205-270).

Solarium selandicum n. sp. **Ravn**, J. P. J. Kjöbenhavn, Vid. Selsk. Skr., (Ser. 6), 11, [1902], (205-270).

Tritonium nn. spp. **Ravn**, J. P. J. Kjöbenhavn, Vid. Selsk. Skr., (Ser. 6), 11, [1902], (205-270).

Turritella baskuntschakensis n. sp. **Rehnbinder**, B. St. Peterburg, Mém. Com. géolog., XVII, 1, 1902, (1-82).

Tylostoma ampullariaeformae n. nom. **Ravn**, J. P. J. Kjöbenhavn, Vid. Selsk. Skr., (Ser. 6), 11, [1902], (205-270).

Vanikoropsis? sturti n. sp. **Etheridge**, R. jun. Adelaide, S. Aust., Mem. R. Soc., 2, 1902, (1-54).

Voluta (Aurinia) fazensis n. sp. **Ravn**, J. P. J. Kjöbenhavn, Vid. Selsk. Skr., (Ser. 6), 11, [1902], (205-270).

Volutomitra quinqueplicata n. sp. **Ravn**, J. P. J. Kjöbenhavn, Vid. Selsk. Skr., (Ser. 6), 11, [1902], (205-270).

2231.80 CAENOZOIC.

Lanistes nn. spp. **Blanckenhorn**, M. Centralbl. Minn., Stuttgart, 1901, (265-275).

Planorbis. **Blanckenhorn**, M. Centralbl. Minn., Stuttgart, 1901, (265-275).

2231.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

Balanium superbum n. sp. **Fuchs**, T. Wien, SitzBer. Ak. Wiss., 111, Abt. I, 1902, (433-445).

Homalaxis bifrons var. *altiuscula* n. var. **Marchand**, E. Nantes, Bul. Soc. sci. nat., (sér. 2), 2, 1902, (Pr.-verb. VIII-IX).

Pterulima n. gen. *P. elegans* n. sp. **Casey**, Thomas L. Nautilus, Philadelphia, Pa., 16, 1902, (18-19).

2231.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Bythinella vitrellaeformis n. sp. **Lorenthey**, E. Palaeontographica, Stuttgart, 48, 1902, (137-295, mit 12 Taf.).

Campanile triseriale n. sp. **Basedow**, H. Adelaide, S. Aust., Trans. R. Soc., 26, 1902, (130-132).

Chenopus. **Toula**, F. Wien, Jahrb. Geol. Rchs-Anst., 51, 1901, 1902, (247-264).

Clava nn. sp. **Hoernes**, R. Wien, SitzBer. Ak. Wiss., 110, 1901, Abt. I, (315-344).

Clessinia? nn. spp. **Andrusov**, N. St. Petersburg, Mém. Com. géolog., XV, 4, (I-VI, 1-114); deutsches Rés., (115-153).

Conus. **Toula**, F. Wien, Jahrb. Geol. Rchs-Anst., 51, 1901, 1902, (247-264).

Cyclostoma schrammeni n. sp. **Andreas**, A. Hildesheim, Mitt. Roemer-Mus., Nr. 16, 1902, (8).

Daudebardia praecursor n. sp. **Andreas**, A. Hildesheim, Mitt. Roemer-Mus., Nr. 16, 1902, (8).

Fusus anatolicus n. sp. **Toula**, F. Wien, Jahrb. Geol. Rchs-Anst., 51, 1901, 1902, (247-264).

Helix (Epiphragmophora) dubiosa prov. n. **Stearns**, Robt. E. C. Science, New York, N.Y., (N. Ser.), 15, 1902, (153-154).

Helix (Gonostoma) osculum var. *bielanensis* n. var. **Lomnicki**, A. Kosmos, Lwow, 27, 1902, (227-239).

Helix (Galactochilus) silesiaca n. sp. **Andreas**, A. Hildesheim, Mitt. Roemer-Mus., Nr. 16, 1902, (8).

Hydrobia nn. spp. **Lorenthey**, E. Palaeontographica, Stuttgart, 48, 1902, (137-295).

Limax crassissimus n. sp. **Jos**, O. Stuttgart, Jahreshefte, Ver. Natk., 58, (303-306).

Limnaea (Gulnaria) n. sp. **Lorenthey**, E. Palaeontographica, Stuttgart, 48, 1902, (137-295).

Melanopsis nn. spp. **Lorenthey**, E. Palaeontographica, Stuttgart, 48, 1902, (137-295).

Micromelania nn. spp. **Lorenthey**, E. Palaeontographica, Stuttgart, 48, 1902, (137-295).

Papyrotheca gracilis n. sp. **Lorenthey**, E. Palaeontographica, Stuttgart, 48, 1902, (157-295).

Planorbis nn. spp. **Lorenthey**, E. Palaeontographica, Stuttgart, 48, 1902, (137-295).

Pleurotoma nn. spp. **Toula**, Franz. Wien, Jahrb. Geol. Rchs-Anst., 51, 1901, 1902, (247-264).

Pomatias polonica n. sp. **Lomnicki**, A. Kosmos, Lwow, 27, 1902, (237-239).

Potamides caspius n. sp. **Andrusov**, N. St. Petersburg, Mém. Com. géolog., XV, 4, 1902, (I-VI, 1-114), deutsches Rés., (115-153).

Prosothenia zittlii n. sp. **Lorenthey**, E. Palaeontographica, Stuttgart, 48, 1902, (137-295).

Pyramidula lecontei n. sp. **Stearns**, Robt. E. C. Science, New York, N.Y., (N. Ser.), 15, 1902, (153-154).

Tudora b'elanensis n. sp. **Lomnicki**, A. Kosmos, Lwow, **27**, 1902, (227-239).

Volva nn. spp. **Lorenthey**, E. Palaeontographica, Stuttgart, **48**, 1902, (137-295).

Vermetus. **Toula**, F. Wien, Jahrb. Geol. Rchs-Anst., **51**, 1901, 1902, (247-264).

Xenophora. **Schaffer**, F. [X.]. Wien, Jahrb. Geol. Rchs-Anst., **52**, 1902, (1-38).

2231.95 PLEISTOCENE AND RECENT.

Bittium (Elachisia) californicum n. sp. **Dall**, W[illiam] H[ealey] and **Bartsch**, Paul. Nautilus, Philadelphia, Pa., **15**, 1901, (58-59).

Paludina diluviana Kunth. **Metz-macher**, A. Güstrow, Arch. Ver. Natg., **56**, 1902, (202-203).

Physa. **Springer**, Ada. Philadelphia, Pa., Proc. Acad. Nat. Sci., **54**, 1902, (513-516).

Scalaria communis. **Hunt**, A. R. Geol. Mag., London, (Ser. 2), **9**, 1902, (285, 286).

PELECYPODA.

2213.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Gervilleia nn. spp. **Frech**, F. Centralbl. Min., Stuttgart, **1902**, (600-620).

Pleuronectites. **Salomon**, W. Centralbl. Min., Stuttgart, **1902**, (19-23).

Pseudomonotis Beyr. **Dieser**, C. Centralbl. Min., Stuttgart, **1902**, (342-344).

(κ-1383)

2231.45 PALAEOZOIC.

Eurymya. **Sarleson**, F. W. Amer. Geol., Minneapolis, Minn., **30**, 1902, (39-45).

2231.50 LOWER PALAEOZOIC.

Goniophora grandis "Salter." **Reed**, F. R. C. Geol. Mag., London, (Ser. 2), [4], **9**, 1902, (256).

Lithobia atava Ko. **Koken**, E. Centralbl. Min., Stuttgart, **1902**, (132-133).

Modiolopsis minus "Salter." **Reed**, F. R. C. Geol. Mag., London, (Ser. 2), [4], **9**, 1902, (257).

Orthonota hughesi "Salter." **Reed**, F. R. C. Geol. Mag., London, (Ser. 2), [4], **9**, 1902, (257).

Pterinea condor, Salter. **Reed**, F. R. C. Geol. Mag., London, (Ser. 2), [4], **9**, 1902, (147).

Pterinea exasperata, Salter. **Reed**, F. R. C. Geol. Mag., London, (Ser. 2), [4], **9**, 1902, (146).

Technophorus cancellatus n. sp. **Buedemann**, Rudolf. Albany, Univ. N.Y., Bull. St. Mus., No. **42**, **8**, 1901, (489-596).

2231.55 UPPER PALAEOZOIC.

Actinopteria insignis n. sp. **Clarke**, John M[ason]. Albany, Univ. N.Y., Rep. St. Mus., No. **53**, **1899**, **2**, 1901, (Mem. St. Mus., **3**, 1900), (6-128).

Allorisma kansasensis n. sp. **Beede**, J. W. Lawrence, Kan. Univ. Sci. Bull., **1**, 1902, (147-153, incl. pl.).

Avicula nn. spp. **Kayser**, E. Stockholm, Vet. Ak. Bih., **27**, IV, No. **2**, 1901, (22).

Avicula obrotundata n. sp. **Maurer**, F. Frankfurt a. M., Ber. Senckenb. Ges., **1902**, Tl. **2**, (27-84).

Aviculopecten subequivalvis n. sp. **Beede**, J. W. Lawrence, Kan. Univ. Sci. Bull., **1**, 1902, 147-153, incl. pl.).

Aviculopecten van oelei n. sp. **Beede**, J[ohn] W. Advance Bulletin of the First Biennial Report of the Geological Survey of Oklahoma, 1902, (1-11). 22.8 cm.

Bakewellia gouldii n. sp. **Beede**, J[ohn] W. Advance Bulletin of the First Biennial Report of the Geological Survey of Oklahoma, 1902, (1-11). 22.8 cm.

Conocardium oklahomense n. sp. **Beede**, J[ohn] W. Advance Bulletin of the First Biennial Report of the Geological Survey of Oklahoma, 1902, (1-11). 22.8 cm.

Otenodonta nn. spp. **Maurer**, F. Frankfurt a. M., Ber. Senckenb. Ges., 1902, Tl. 2, (27-84).

Cyrtodonta dunensis n. sp. **Drevermann**, F. Palaeontographica, Stuttgart, 49, 1902, (73-120).

Goniophora convoluta n. sp. (= *G. excavata*) and 2 nn. sp. **Drevermann**, F. Palaeontographica, Stuttgart, 49, 1902, (73-120).

Grammysia laevis n. sp. **Drevermann**, F. Palaeontographica, Stuttgart, 49, 1902, (73-120).

Ledopsis transverso-elongata n. sp. **Maurer**, F. Frankfurt a. M., Senckenb. Ges., 1902, Tl. 2, (27-84).

Leptodomus exilis n. sp. **Drevermann**, F. Palaeontographica, Stuttgart, 49, 1902, (73-120).

Limoptera longialata n. sp. **Drevermann**, F. Palaeontographica, Stuttgart, 49, 1902, (73-120).

Megambonia crenistriata n. sp. **Clarke**, John M[ason]. Albany, Univ. N.Y., Rep. St. Mus., No. 53, 1899, 2, 1901, (Mem. St. Mus., 3, 1900), (6-128).

Modiomorpha speciosa n. sp. **Drevermann**, F. Palaeontographica, Stuttgart, 49, 1902, (73-120).

Myalina nn. spp. **Maurer**, L. Frankfurt a. M., Ber. Senckenb. Ges., 1902, Tl. 2, (27-84).

Myalina? abstemia n. sp. **Sardeson**, F[rederick] W[illiam]. Amer. Geol., Minneapolis, Minn., 30, 1902, (300-312).

Myalina compressa. **Hind**, W. Stafford, Trans. N. Staff. F. Cl., 36, 1902, (80).

Myalina copei n. sp. **Whitfield**, R[obert] P[arr]. New York, N.Y., Bull. Amer. Mus. Nat. Hist., 16, 1902, (63-66). Author's ed. 24 cm.

Nathorstella n. gen. *N. semiplicata* n. sp. **Kayser**, E. Stockholm, Vet. Ak. Bih., 27, IX, No. 2, 1901, (22).

Palaeomutela? vetusta n. sp. **Kayser**, E. Stockholm, Vet. Ak. Bih., 27, IV, No. 2, 1901, (22).

Pinna lata n. sp. **Beede**, J. W. Lawrence, Kan. Univ. Sci. Bull., 1, 1902, (147-153).

Pleurophorus whitei n. sp. **Beede**, J. W. Lawrence, Kan. Univ. Sci. Bull., 1, 1902, (147-153).

Pterinea nn. spp. **Drevermann**, F. Palaeontographica, Stuttgart, 45, 1902, (73-120).

Pterinopecten nn. spp. **Clarke**, John M[ason]. Albany, Univ. N.Y., Rep. St. Mus., No. 53, 1899, 2, 1901, (Mem. St. Mus., 3, 1900), (6-128).

Schizodus planus Golowk. **Jakovlev**, N. N. St. Petersburg, Bull. Com. geol., 21, 1902, (755-758).

2231.60 MESOZOIC.

Avicula, subgen. *Oxytoma*. **Waagen**, L. Wien, Jahrb. Geol. Rchs-Anst., 51, 1901, 1902, (1-24).

Oxytoma inaequivalve Sowerby. **Waagen**, L. Wien, Jahrb. Geol. Rchs-Anst., 51, 1901, 1902, (1-24).

2231.65 TRIASSIC.

Anodontophora telleri n. sp. **Bittner**, A. Wien, Jahrb. Geol. Rchs-Anst., 51, 1901, 1902, (225-234).

Avicula nn. spp. **Bittner**, A. Wien, Jahrb. Geol. Rchs-Anst., 51, 1901, 1902, (225-234).

Gervilleia latobica n. sp. **Bittner**, A. Wien, Jahrb. Geol. Rchs-Anst., 51, 1901, 1902, (225-234).

Macrodon. Bittner, A. Wien, Jahrb. Geol. Rchs-Anst., 51, 1901, 1902, (225-234).

Modiola longaticensis n. sp. Bittner, A. Wien, Jahrb. Geol. Rchs-Anst., 51, 1901, 1902, (225-234).

Ostrea lipoldi n. sp. Bittner, A. Wien, Jahrb. Geol. Rchs-Anst., 51, 1901, 1902, (225-234).

Posidonomya. Bittner, A. Wien, Jahrb. Geol. Rchs-Anst., 51, 1901, 1902, (225-234).

Pseudomonotis illyrica n. sp. Bittner, A. Wien, Jahrb. Geol. Rchs-Anst., 51, 1901, 1902, (225-234).

2231.70 JURASSIC.

Ctenostreon burckhardti n. sp. Newton, R. B. London, Proc. Malacol. Soc., 5, pt. 3, 1902, (245-247).

2231.75 CRETACEOUS.

Avicula danica A. fazensis nn. spp. Eavn, J. P. J. Kjöbenhavn, Vid. Selsk. Skr., (Ser. 6), 11, 1902, (73-134).

Aucella incurva n. sp. Etheridge, R., jun. Adelaide, S. Aust., Mem. R. Soc., 2, 1902, (1-54).

Aucella keyserlingi Lahusen. Wollelmann, A. Centralbl. Minn., Stuttgart, 1901, (497-498).

Caprinula. Redlich, K. A. Wien, Jahrb. Geol. Rchs-Anst., 51, 1901, 1902, (75-86).

Cardium? browni n. sp. Etheridge, R., jun. Adelaide, S. Aust., Mem. R. Soc., 2, 1902, (1-54).

Chama pulehra n. sp. Eavn, J. P. J. Kjöbenhavn, Selsk. Skr., (Ser. 6), 11, 1902, (73-138).

Chondrodonta n. gen. *C. glabra* n. sp. Stanton, Timothy W. Washington, D.C., Smithsonian Inst., Nation. Mus., Proc., 24, 1901, (301-307). Separate. 24.5 cm.

Chondrodonta (*Ostrea*) joannae, Choffat. Hoernes, R. Wien, SitzBer. Ak. Wiss. 111, Abt. I, 1902, (667-684).

(K-1383)

Crassatella fazensis n. sp. Eavn, J. P. J. Kjöbenhavn, Selsk. Skr., (Ser. 6), 11, 1902, (73-138).

Cytherea? sub-aurita n. sp. Etheridge, R., jun. S. Aust., Mem. R. Soc., 2, 1902, (1-54).

Ezogyrta columba Lk. Oppenheim, P. Centralbl. Min., Stuttgart, 1902, (500-503).

Glycimeris eyrensis n. sp. Etheridge, R., jun. Adelaide, S. Aust., Mem. R. Soc., 2, 1902, (1-54).

Gyropleura telleri n. sp. Redlich, K. A. Wien, Jahrb. Geol. Rchs-Anst., 51, 1901, 1902, (75-86).

Inoceramus nn. spp. Anderson, F. M. San Francisco, Proc. Cal. Acad. Sci., (Ser. 3), 2, 1902, (1-154).

Isocardia fazensis n. sp. Eavn, J. P. J. Kjöbenhavn, Selsk. Skr., (Ser. 6), 11, 1902, (73-138).

Isocardia? tatei n. sp. Etheridge, R., jun. Adelaide, S. Aust., Mem. R. Soc., 2, 1902, (1-54).

Lima bisulcata n. sp. Eavn, J. P. J. Kjöbenhavn, Vid. Selsk. Skr., (Ser. 6), 11, 1902, (73-138).

Maetra gabbiana n. sp. Anderson, F. M. San Francisco, Proc. Cal. Acad. Sci., (Ser. 3), 2, 1902, (1-154).

Mytilus primulafontensis n. sp. Etheridge, R. jun. Adelaide, Aust., Mem. R. Soc., 2, 1902, (1-54).

Modiola nn. spp. Etheridge, R. jun. Adelaide, S. Aust., Mem. R. Soc., 2, 1902, (1-54).

Neithea. Redlich, K. A. Wien, Jahrb. Geol. Rchs-Anst., 51, 1901, 1902, (75-86).

Ostrea. Redlich, K. A. Wien, Jahrb. Geol. Rchs-Anst., 51, 1901, 1902, (75-86).

Ostrea reflexa n. sp. Eavn, J. P. J. Kjöbenhavn, Selsk. Skr., (Ser., 6), 11, 1902, (73-138).

Ostrea. Hoernes, R. Wien, SitzBer. Ak. Wiss., 111, Abt. I, 1902, (667-684).

Oxytoma inaequivalve Sow. var. *cannanica* n. var. = *Oxytoma cannanica* Redlich, 1889. Redlich, K. A. Wien, Jahrb. Geol. Rchs-Anst., 51, 1901, 1902, (75-86).

Pecten (Chlamys) britannicus. Woods, H. London, Monogr. Palaeontogr. Soc., **56**, 1902, (167).

Pecten (Camptonectes) dubrisiensis, *P. gaultinus*. Woods, H. London, Monogr. Palaeontogr. Soc., **56**, 1902, (162-163).

Pecten (Equipecten) pexatus, *P. sarumensis*, *P. arlesiensis*. Woods, H. London, Monogr. Palaeontogr. Soc., **56**, 1902, (190, 192, 194).

Pecten fenestratus n. sp. Ravn, G. P. J. Kjöbenhavn, Vid. Selsk. Skr., (Ser. 6), **11**, 1902, (73-138).

Pectunculus pacificus n. sp. Anderson, F. M. San Francisco, Proc. Cal. Acad. Sci., (Ser. 3), **2**, 1902, (1-154).

Pectunculus sublenticularis n. sp. Ravn, J. P. J. Kjöbenhavn, Selsk. Skr., (Ser. 6), **11**, 1902, (73-138).

Pholadomya anadna n. sp. Anderson, F. M. San Francisco, Proc. Cal. Acad. Sci., (Ser. 3), **2**, 1902, (1-154).

Pholadomya ebnensis n. sp. Etheridge, R. jun. Adelaide, S. Aust., Mem. R. Soc., **2**, 1902, (1-54).

Pholadomya terrareginae n. sp. Etheridge, R. jun. Sydney, N.S.W., Rec. Austr. Mus. **4**, No. 5, 1902, (201-206).

Pironea slavonica n. sp. Hilber, V. Wien, Jahrb. Geol. Rchs-Anst., **51**, 1901, 1902, (169-176).

Protamusium? gradatum n. sp. Etheridge, R. jun. Adelaide, S. Aust., Mem. R. Soc., **2**, 1902, (1-54).

Protocardium vallone n. sp. Redlich, K. A. Wien, Jahrb. Geol. Rchs-Anst., **51**, 1901, 1902, (75-86).

Pteria tatei n. sp. Etheridge, R. jun. Adelaide, Mem. R. Soc., **2**, 1902, (1-54).

Spondylus danicus n. sp. Ravn, J. P. J. Kjöbenhavn, Selsk. Skr., (Ser. 6), **11**, 1902, (73-138).

Teredo vastitas n. sp. Etheridge, R. jun. Sydney, N.S.W., Rec. Austr. Mus., **4**, No. 5, 1902, (201-206).

Teredo amphibaena. Stather, J. W. Hull, Trans. Geol. Soc., **5**, pt. 2, 1902, (41).

Trigonia cinctuta n. sp. Etheridge, R. jun. Adelaide, S. Aust., **2**, 1902, (1-54).

Xylophomya n. gen. *X. laramiensis* n. sp. Whitfield, R. P. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **16**, 1902, (73-76). Author's ed. 24.3 cm.

2231.80 CAENOZOIC.

Neoinoceramus n. gen. *N. ameghinoides* n. sp. Ihering, H. von, Philadelphia, Pa., Proc. Amer. Phil. Soc., **41**, 1902, (132-137).

2231.90 UPPER CAENOZOIC (MIOCENE, PLIocene).

Arca. Toul, Franz. Wien, Jahrb. Geol. Rchs-Anst., **51**, 1901, 1902, (247-264).

Avicula transcaspica n. sp. Andrusov, N. St. Petersburg, Mém. Com. géolog., **XV**, **4**, 1902, (I-VI, 1-114); Deutsches Rés., (115-153).

Budmania. Gorjanović-Kramberger, Karl [D.]. Wien, SitzBer. Ak. Wiss., Abt. I, **111**, 1902, (5-25, mit 4 Taf.).

Cardita dennanti n. sp. Basedow, H. Adelaide, S. Aust., Trans. R. Soc., **26**, 1902, (130-132).

Cardium. Schaffer, Franz. [Xaver]. Wien, Jahrb. Geol. Rchs-Anst., **51**, 1901, 1902, (41-74); **52**, 1902, (1-38).

Cardium nn. spp. Andrusov, N. St. Petersburg, Mém. Com. géolog., **XV**, **4**, 1902, (I-VI, 1-114); deutsches Rés., (115-153).

Cardium mediosulcatum n. sp. Basedow, H. Adelaide, S. Aust., Trans. R. Soc., **26**, 1902, (130-132).

Cardium cilicianum n. sp. Toul, F. Wien, Jahrb. Geol. Rchs-Anst. **51**, 1901, 1902, (247-264).

Congerina nn. spp. Hoernes, R. Wien, SitzBer. Ak. Wiss., **110**, Abt. I, 1901, (206-235).

Congerina nn. spp. Lörenthey, E. Palaeontographica, Stuttgart, **48**, 1902, (137-295).

Dosinia. Toul, F. Wien, Jahrb. Geol. Rchs-Anst., **51**, 1901, 1902, (247-264).

Glycimeris subadians n. sp. **Basedow**, H. Adelaide. S. Aust. Trans. R. Soc., **26**, 1902, (130-132).

Limnocardium. **Gorjanovič-Kramberger**, K. [D.]. Wien, SitzBer. Ak. Wiss., **111**, Abt. I, 1902, (5-25).

Limnocardium nn. spp. **Lörenthey**, E. Palaeontographica, Stuttgart, **48**, 1902, (137-295).

Limnocardium semseyi Halav. **Hoernes**, R. Wien, SitzBer. Ak. Wiss., **110**, Abt. I, 1901, (78-94).

Lucina. **Toula** F. Wien, Jahrb. Geol. Rchs-Anst., **51**, 1901, 1902, (247-264).

Lutraria. **Schaffer**, F. [X.]. Wien, Jahrb. Geol. Rchs-Anst., **52**, 1902, (1-38).

Lutraria. **Toula**, F. Wien, Jahrb. Geol. Rchs-Anst., **51**, 1901, 1902, (247-264).

Mactra nn. spp. **Andrusov**, N. St. Petersburg, Mém. Com. géolog., **XV**, **4**, 1902, (I-VI, 1-114); Deutsches Rés., (115-153).

Meretrix sphericula n. sp. **Basedow**, H. Adelaide, S. Aust. Trans. R. Soc., **26**, 1902, (130-132).

Ostrea. **Dollfus**, Gustave. Paris, Bul. soc. géol., (sér. 4), **1**, 1901, (288).

Ostrea. **Schaffer**, Franz [X.]. Wien, Jahrb. Geol. Rchs-Anst., **51**, 1901, 1902, (41-74).

Panopaea. **Toula**, F. Wien, Jahrb. Geol. Rchs-Anst., **51**, 1901, 1902, (247-264).

Panopaea. **Schaffer**, F. [X.]. Wien, Jahrb. Geol. Rchs-Anst., **51**, 1901, 1902, (41-74).

Pecten. **Schaffer**, F. [X.]. Wien, Jahrb. Geol. Rchs-Anst., **51**, 1901, 1902, (41-74).

Pecten. **Schaffer**, F. [X.]. Wien, Jahrb. Geol. Rchs-Anst., **52**, 1902, (1-38).

Pectunculus. **Schaffer**, F. [X.]. Wien, Jahrb. Geol. Rchs-Anst., **51**, 1901, 1902, (41-74).

Pectunculus. **Schaffer**, F. [X.]. Wien, Jahrb. Geol. Rchs-Anst., **52**, 1902, (1-38).

Pectunculus. **Toula**, F. Wien, Jahrb. Rchs-Anst., **51**, 1901, 1902, (247-264).

Placuna. **Schaffer**, F. [X.]. Wien, Jahrb. Geol. Rchs-Anst., **52**, 1902, (1-38).

Placuna taurica n. sp. **Schaffer**, F. [X.]. Wien, Jahrb. Geol. Rchs-Anst., **51**, 1901, 1902, (41-74).

Unio condoni. **Stearns**, R. E. C. Science, New York, N.Y. (N. Ser.), **16**, 1902, (393).

Unio edesrhelyii n. sp. **Lörenthey**, E. Palaeontographica, Stuttgart, **48**, 1902, (137-295).

Venus. **Toula**, F. Wien, Jahrb. Geol. Rchs-Anst., **51**, 1901, 1902, (247-264).

2231.95 PLEISTOCENE AND RECENT.

Cyprina islandica. **Jensen**, A. S. Kjöbenhavn, Nath. Medd., **1902**, (33-42).

Pecten maximus. **Hunt**, A. R. Geol. Mag., London, (Ser. 2), **9**, 1902, (285-286).

Venerupis. **Hunt**, A. R. Geol. Mag., London, (Ser. 2), **9**, 1902, (285-286).

2431 ARTHROPODA, INCLUDING INSECTA.

2431.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Elater wieniouskii n. sp. **Lomnicki**, J. L. M. Krakow, Spraw. Kom. fizyogr., **36**, 1902, (11-12).

Lampra gautieri n. sp. **Bruyant**. Rev. sci. Bourbon. Moulins, **15**, 1902, (63-65).

2631 CRUSTACEA.

2631.35 GENERAL, INCLUDING
STRATA OF UNKNOWN
ORIGIN

Linuparus. Ortman, A. E. Centralbl. Minn., Stuttgart, 1901, (713-714).

Podocrates. Ortman, A. E. Centralbl. Minn., Stuttgart, 1901, (713-714).

2631.45 PALAEOZOIC.

Cardiocaris. Clarke, J. M. Albany, Univ. N.Y., Bull. St. Mus., No. 52, 1902, (606-615).

Dipterocaris. Clarke, J. M. Albany, Univ. N.Y., Bull. St. Mus., No. 52, 1902, (606-615).

Discinocaris. Clarke, J. M. Albany, Univ. N.Y., Bull. St. Mus., No. 52, 1902, (606-615).

Pholadocaris. Clarke, J. M. Albany, Univ. N.Y., Bull. St. Mus., No. 52, 1902, (606-615).

Spathocaris. Clarke, J. M. Albany, Univ. N.Y., Bull. St. Mus., No. 52, 1902, (606-615).

2631.50 LOWER PALAEOZOIC.

Beyrichia angelini var. *armata* n. var. Grünwall, K. A. Kjöbenhavn, Danm. Geol. Unders., (Ser. 2), 13, 1902, (XI + 320).

Bollia cornucopiae n. sp. Ruedemann, R. Albany, Univ. N.Y., Bull. St. Mus., 49, 1901, (3-114).

Ctenobolbina n. sp. et n. var. Ruedemann, R. Albany, Univ. N.Y., Bull. St. Mus., No. 42, 8, 1901, (489-596).

Echinocaris clarkii [clarkei] *E. randaikii*. Beecher, C. E. London, Q. J. Geol. Soc., 53, 1902, (443).

Eurychilina nn. spp. Ruedemann, Rudolf. Albany, Univ. N.Y., Bull. St. Mus., 49, 1901, (3-114).

Leperditia resplendens n. sp. Ruedemann, R. Albany, Univ. N.Y., Bull. St. Mus., 49, 1901, (3-114).

Macronotella nn. spp. Ruedemann, R. Albany, Univ. N.Y., Bull. St. Mus., 49, 1901, (3-114, with pl.).

Pollicipes siluricus n. sp. Ruedemann, R. Albany, Univ. N.Y., Bull. St. Mus., No. 42, 8, 1901, (489-596).

Polyphyma n. gen. for *P. lapworthi*. Groom, T. London, Q. J. Geol. Soc., 58, 1902, (83, with figs.).

Tropidocaris [emend.] Beecher, C. E. London, Q. J. Geol. Soc., 58, 1902, (444).

Turrilepas? *filosus* n. sp. Ruedemann, R. Albany, Univ. N.Y., Bull. St. Mus., No. 42, 8, 1901, (489-596).

2631.55 UPPER PALAEOZOIC.

Echinocaris whidbornei (Jones & Woodward) and *E. sloliensis* n. sp. Partridge, E. M. Geol. Mag., London, (Ser. 2), [4], 9, 1902, (307).

Gampeonychus. Fritsch, Anton. Zool. Anz., Leipzig, 24, 1901, (505-506).

Uronectes (= *Gampeonychus*). Calman, W. J. Zool. Anz., Leipzig, 25, 1902, (65-66).

2631.70 JURASSIC.

Eryma. Méchin, A. Contribution à l'étude des crustacés fossiles de Lorraine. Nancy, 1902, (24, av. 2 pl.). 25 cm.

2631.75 CRETACEOUS.

Calianassa nn. spp. Pilsbry, H. A. Philadelphia, Pa., Proc. Acad. Nat. Sci., 53, 1901, (111-118).

Hoploparia gabbi n. sp. Pilsbry, H. A. Philadelphia, Pa., Proc. Acad. Nat. Sci., 53, 1901, (111-118).

**2631.85 LOWER CAENOZOIC
(EOCENE OLIGOCENE).**

Bythocypris nn. spp. Ulrich, E. O. Maryland, Geol. Surv. (Eocene), Baltimore, 1901, (116-122).

Cythere marylandica n. sp. Ulrich, E. O. Maryland, Geol. Surv. (Eocene), Baltimore, 1901, (116-122).

Cythereis bassleri n. sp. Ulrich, E. O. Maryland, Geol. Surv. (Eocene), Baltimore, 1901, (116-122).

Cytherella nn. spp. Ulrich, E. O. Maryland, Geol. Surv. (Eocene), Baltimore, 1901, (116-122).

Cytheridea perarcuata n. sp. Ulrich, E. O. Maryland, Geol. Surv. (Eocene), Baltimore, 1901, (116-122).

**2631.90 UPPER CAENOZOIC
(MIOCENE, PLIOCENE).**

Balanus. v. *Tamiosoma*.

Tamiosoma. Dall, W. H. Science, New York, N.Y., (N. Ser.), 15, 1902, (5-7).

**2631.95 PLEISTOCENE AND
RECENT.**

Anaspides. Calman, W. J. Zool. Anz., Leipzig, 25, 1902, (65-66).

**2631 XIPHOSURA,
EURIPTERIDA,
TRILOBITA. Etc.**

2631.50 LOWER PALAEOZOIC.

Acanthopleurella n. gen., *A. grindrodi* n. sp. Groom, T. T. Geol. Mag., London, [4], 9, 1902, (70).

Acidapsis obsoleta n. sp. Van Ingen, G. New York, N.Y., Columbia Univ., Sch. Mines Q., 23, 1901, (34-74).

Agnostus nn. spp. Grönwall, K. A. Kjöbenhavn, Danm. Geol. Unders., (Ser. 2), 13, 1902, (XI + 230).

Agraulos depressus n. sp. Grönwall, K. A. Kjöbenhavn, Danm. Geol. Unders., (Ser. 2), 13, 1902, (XI + 320).

Ampyz (Lonchodomas) hastatus n. sp. Ruedemann, R. Albany, Univ. N.Y., Bull. St. Mus., 49, 1901, (3-114).

Ampyz niagarensis n. sp. Van Ingen, G. New York, N.Y., Columbia Univ., Sch. Mines Q., 23, 1901, (34-74).

Anomocare angelini n. sp. Grönwall, K. A. Kjöbenhavn, Danm. Geol. Unders., (Ser. 2), 13, 1902, (XI + 320).

Arges arkansanus n. sp. Van Ingen, G. New York, N.Y., Columbia Univ., Sch. Mines Q., 23, 1901, (34-74).

Calymene altirostris n. sp. Van Ingen, G. New York, N.Y., Columbia Univ., Sch. Mines Q., 23, 1901, (34-74).

Ceratocephala nn. spp. Van Ingen, G. New York, N.Y., Columbia Univ., Sch. Mines Q., 23, 1901, (34-74).

Conocoryphe (Ctenocephalus) tumida n. sp. Grönwall, K. A. Kjöbenhavn, Danm. Geol. Unders., (Ser. 2), 13, 1902, (XI + 230).

Corydocephalus. Reed, F. R. C. Q. J. Geol. Soc., 58, 1902, (81).

Corynecochus bornholmensis n. sp. Grönwall, K. A. Kjöbenhavn, Danm. Geol. Unders., (Ser. 2), 13, 1902, (XI + 320).

Cyphaspis nn. spp. Ruedemann, R. Albany, Univ. N.Y., Bull. St. Mus., 49, 1901, (3-114).

Cyphaspis nn. spp. Van Ingen, G. New York, N.Y., Columbia Univ., Sch. Mines Q., 23, 1901, (34-74).

Deuterolichas. Reed, F. R. C. London, Q. J. Geol. Soc., 58, 1902, (81).

Dorypyge nn. spp. Grönwall, K. A. Kjöbenhavn, Danm. Geol. Unders., (Ser. 2), 13, 1902, (XI + 230).

Eurypterus. Schmidt, F. St. Petersburg, Trav. Soc. nat., 33, 1, (202-203).

Lichas kildarensis. Reed, F. R. C. London, Q. J. Geol. Soc., 58, 1902, (74).

Liocephalus n. subgen. of *Conocoryphe* nn. spp. **Grünwall**, K. A. Kjöbenhavn, Danm. Geol. Unders., (Ser. 2), **13**, 1902, (XI + 230).

Liostracus nn. spp. **Grünwall**, K. A. Kjöbenhavn, Danm. Geol. Unders., (Ser. 2), **13**, 1902, (XI + 320).

Metalichas. **Reed**, F. R. C. London, Q. J. Geol. Soc., **58**, 1902, (81).

Odontopleura arkansana n. sp. **Van Ingen**, G. New York, N.Y., Columbia Univ., Sch. Mines Q., **23**, 1901, (34-74).

Paradozides sjögreni var. *nepos* n. var. **Grünwall**, K. A. Kjöbenhavn, Danm. Geol. Unders., (Ser. 2), **13**, 1902, (XI + 230).

Paralichas. **Reed**, F. R. C. London, Q. J. Geol. Soc., **58**, 1902, (81).

Proetus nn. spp. **Van Ingen**, G. New York, N.Y., Columbia Univ., Sch. Mines Q., **23**, 1901, (34-74).

Ptychoparia johnstrupi n. sp. **Grünwall**, K. A. Kjöbenhavn, Danm. Geol. Unders., (Ser. 2), **13**, 1902, (XI + 320).

Remopleuridea nn. spp. **Ruedemann**, R. Albany, Univ. N.Y., Bull. St. Mus., **49**, 1901, (3-114).

Shumardia miqueli n. sp. **Pompeckj**, J. F. N. Jahrb. Min., Stuttgart, **1902**, **1**, (1-8).

Solenopleura bucculenta n. sp. **Grünwall**, K. A. Kjöbenhavn, Danm. Geol. Unders., (Ser. 2), **13**, 1902, (XI + 320).

Sphaerocoryphe major n. sp. **Ruedemann**, R. Albany, Univ. N.Y., Bull. St. Mus., **49**, 1901, (3-114).

Tretaspis nn. spp. **Ruedemann**, R. Albany, Univ. N.Y., Bull. St. Mus., **49**, 1901, (3-114).

Dalmanites (*Synphoria*) nn. spp. et n. var. **Clarke**, J. M. Albany, Univ. N.Y., Rep. St. Mus., No. **53**, **1899**, **2**, 1901, Mem. St. Mus., **3**, 1900), (6-128).

Griffithides barkei. **Woodward**, [H.]. Geol. Mag., London, (Ser. 2), [4] **9**, 1902, (484).

Homalonotus striatus n. sp. **Maurer**, F. Frankfurt a. M., Ber. Senckenb. Ges., 1902, Tl. 2, (27-84).

Phacops correlator n. sp. **Clarke**, J. M. Albany, Univ. N.Y., Rep. St. Mus., No. **53**, **1899**, **2**, 1901, (Mem. St. Mus., **3**, 1900), (6-128).

Phillipsia spatulata. **Woodward**, [H.]. Geol. Mag., London, (Ser. 2), [4] **9**, 1902, (482).

Presturichia randalli n. sp. **Beecher**, C. E. Amer. Geol., Minneapolis, Minn., **29**, 1902, (143-146). Separate. 24.2 cm.

Proetus coddonensis. **Woodward**, [H.]. Geol. Mag., London, (Ser. 2), [4] **9**, 1902, (483).

3031 ARACHNIDA.

3031.55 UPPER PALAEOZOIC.

Brachypyge cellica. **Pocock**, R. I. Geol. Mag., London, (Ser. 2), [4] **9**, 1902, (488).

Eophrynus. **Pocock**, R. I. Geol. Mag., London, (Ser. 2), [4] **9**, 1902, (439).

3431 MYRIOPODA.

3431.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Julus suevicus n. sp. **Dietsen**, R. Stuttgart, Jahreshefte Ver. Natk., **58**, 1902, (83-85).

2831.55 UPPER PALAEOZOIC.

Cordania nn. spp. **Clarke**, J. M. Albany, Univ. N.Y., Rep. St. Mus., No. **53**, **1899**, **2**, 1901, (Mem. St. Mus., **3**, 1900), (6-128).

Cylus nn. spp. **Rogers**, Austin F. Lawrence, Kan. Univ. Sci. Bull., **1**, 1902, (269-277, with pl.).

5431 PISCES.

5431.50 LOWER PALAEOZOIC.

Drepanaspis gemündenensis Schl. Traquair, R. H. Geol. Mag., London, (Ser. 2), [4], 9, 1902, (289-291).

5431.55 UPPER PALAEOZOIC.

Acanthodes nn. spp. Eastman, C. S. Cambridge, Mass., Bull. Mus. Comp. Zool. Harvard Coll., 39, 1902, (55-99).

Benedenius deneensis Traquair. Boulenger, G. A. Ann. Mag. Nat. Hist., London, (Ser. 7), 10, 1902, (52, 53).

Campyloprion annectans. Eastman, C. R. Geol. Mag., London, (Ser. 2), [4], 9, 1902, (148-152).

Campyloprion. Eastman, C. R. Geol. Mag., London, (Ser. 2), [4], 9, 1902, (332).

Cephalaspis carteri. Woodward, A. S. Penzance, Trans. R. Geol. Soc., Cornwall, 12, pt. 6, 1901, (431-433).

Cladodus formosus n. sp. . . . Hay, O. P. Amer. Geol., Minneapolis, Minn., 30, 1902, (373-374).

Coelacanthus. Wellburn, E. D. Yorks. Proc. Geol. Polyt. Soc., 14, pt. 3, 1902, (474-483).

Coelacanthus hindi n. sp. Wellburn, E. D. Yorks. Proc. Geol. Polyt. Soc., 14, pt. 3, 1902, [470].

Ctenacanthus nn. spp. Eastman, C. R. Cambridge, Mass., Bull. Mus. Comp. Zool. Harvard Coll., 39, 1902, (55-99).

Eriamacanthus formosus n. sp. Eastman, C. R. Amer. Nat., Boston, Mass., 36, 1902, (849-854).

Helicoprion. Klatech, H. Centralbl. Minn., Stuttgart, 1901, (429-436).

Helicoprion. Koken, Ernst. Centralbl. Minn., Stuttgart, 1901, (225-227).

Maredenius n. gen., *M. summiti*, *M. acuta* nn. spp. Wellburn, E. D. Yorks, Proc. Geol. Polyt. Soc., 14, pt. 3, 1902, (466, 467, 468).

Mylostoma Dean, Bashford. New York, N.Y., Acad. Sci., Mem., 2, pt. III, 1901, (101-109).

Peripristis. Eastman, C. R. Geol. Mag., London, (Ser. 2), [4], 9, 1902, (388-391).

Selenosteus n. gen. *S. kepleri* n. sp. Dean, B. New York, N.Y., Acad. Sci., Mem., 2, pt. III, 1901, (87-100).

Stenosteus n. gen. *S. glaberi* n. sp. Dean, B. New York, N.Y., Acad. Sci., Mem., 2, pt. III, 1901, (87-100).

5431.65 TRIASSIC.

Atherstonia australis n. sp. Woodward, A. S. Sydney, N.S.W., Rec. Geol. Surv. N.S. Wales, 7, pt. 2, 1902, (88-91).

Ctenolates avus n. sp. Woodward, A. S. Sydney, N.S.W., Rec. Geol. Surv. N.S. Wales, 7, pt. 2, 1902, (88-91).

Scmionotus. Schellwein, E. Königsberg, Schr. physik. Ges., 42, 1901, (1-33).

5431.75 CRETACEOUS.

Berycopsis major n. sp. Woodward, A. S. London, Monogr. Palaeontogr. Soc., 56, 1902, (11).

Homonotus rotundus n. sp. Woodward, A. S. London, Monogr. Palaeontogr. Soc., 56, 1902, (28).

Hoplopteryx simus n. sp. Woodward, A. S. London, Monogr. Palaeontogr. Soc., 56, 1902, (23).

Megalurus mausoni n. sp. Woodward, A. S. Ann. Mag. Nat. Hist., London, (Ser. 7), 9, 1902, (87).

Sardinioides illustrans n. sp. Woodward, A. S. London, Monogr. Palaeontogr. Soc., 56, 1902, (34).

Trachichthyoidea n. gen., *T. ornatus* n. sp. Woodward, A. S. London, Monogr. Palaeontogr. Soc., 56, 1902, (29).

5431.80 CAENOZOIC.

Alburnus. Laube, G. C. Prag, Abh. Lotos, 2, 1901, 4. Heft, 1901, (76).

Alburnus steindachneri n. sp. Laube, G. C. Prag, Abh. Lotos, 2, 1901, 2. Heft, 1900, (22).

Amia. Laube, G. C. Prag, Abh. Lotos, 2, 1901, 4. Heft, 1901, (76).

Aspius. Laube, G. C. Prag, Abh. Lotos, 2, 1901, 4. Heft, 1901, (76).

Aspius n. sp. indet. Laube, G. C. Prag, Abh. Lotos, 2, 1901, 2. Heft, 1900, (22).

Chondrostoma laticauda n. sp. Laube, G. C. Prag, Abh. Lotos, 2, 1901, 4. Heft, 1901, (76).

Esox destructus n. sp. Laube, G. C. Prag, Abh. Lotos, 2, 1901, 4. Heft, 1901, (76).

Gobio nn. spp. Laube, G. C. Prag, Abh. Lotos, 2, 1901, 4. Heft, 1901, (76).

Lepidocottus gracilis n. sp. Laube, G. C. Prag, Abh. Lotos, 2, 1901, 4. Heft, 1901, (76).

Lepidosteus bohemicus n. sp. Laube, G. C. Prag, Abh. Lotos, 2, 1901, 4. Heft, 1901, (76).

Leuciscus nn. spp. Laube, G. C. Prag, Abh. Lotos, 2, 1901, 2. Heft, 1900, (22).

Leuciscus fritschii n. sp. Laube, G. C. Prag, Abh. Lotos, 2, 1901, 4. Heft, 1901, (76).

Nemachilus tener n. sp. Laube, G. C. Prag, Abh. Lotos, 2, 1901, 4. Heft, 1901, (76).

Otolithus nn. spp. Schubert, R. J. Wien, Geol. Reichsanst., 51, 1901, 1902, (301-316).

Plectropoma. Laube, G. C. Prag, Abh. Lotos, 2, 1901, 4. Heft, 1901, (76).

Prolebias nn. spp. Laube, G. C. Prag, Abh. Lotos, 2, 1901, 4. Heft, 1901, (76).

Protothymallus n. gen. (olim *Thaumaturus*) *lusatus* Laube, *P. princeps* n. sp. Laube, G. C. Prag, Abh. Lotos, 2, 1901, 4. Heft, 1901, (76).

Pyenodus nn. spp. Priem, F. Paris, Bul. soc. géol., (sér. 4), 3, 1902, (44-49).

Salmo teplitiensis n. sp. Laube, G. C. Prag, Abh. Lotos, 2, 1901, 4. Heft, 1901, (76).

Silurus. Laube, G. C. Prag, Abh. Lotos, 2, 1901, 4. Heft, 1901, (76).

Squalinus n. sp. indet. Laube, G. C. Prag, Abh. Lotos, 2, 1901, 4. Heft, 1901, (76).

Thaumaturus deichmülleri n. sp. Laube, G. C. Prag, Abh. Lotos, 2, 1901, 4. Heft, 1901, (76).

Tinea nn. spp. Laube, G. C. Prag, Abh. Lotos, 2, 1901, 4. Heft, 1901, (76).

Tinea obtruncata n. sp. Laube, G. C. Prag, Abh. Lotos, 2, 1901, 2. Heft, 1900, (22).

5431.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

Phyllodus hipparionyx n. sp. Eastman, C. R. Maryland, Geol. Surv. (Eocene), Baltimore, 1901, (98-115).

Synechodus clarkii n. sp. Eastman, C. R. Maryland, Geol. Surv. (Eocene), Baltimore, 1901, (98-115).

5631 REPTILIA AND BATRACHIA.

5631.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Archelon. Wieland, G. R. Amer. J. Sci., New Haven, Conn., (Ser. 4), 14, 1902, (95-108).

Diacydon. Broom, R. London, Proc. Zool. Soc., 1902, 2, (86-88).

Dinosaurius. Huene, F. von. Centralbl. Minn., Stuttgart, 1901, (715-719).

Dinosaurius. Nopcsa, F. Baron jun. Berlin, Zs. geol. Ges., 54, 1902, briefl. Mitt., (34-39).

Dinosaurius. Riggs, E. S. Science, New York, N.Y., (N. Ser.), 13, 1901, (549-550).

Diplocaulis Cope. Broth, F. Centralbl. Minn., Stuttgart, 1902, (536-541).

Ichthyosaurus thyrospendylus. Sheppard, T. Hull Museum Publications, No. 10, July 1902, (3-7).

Testudo atascosae n. sp. Hay, O. P. Philadelphia, Pa., Proc. Acad. Nat. Sci., 54, 1902, (383-388).

Taxochelys. Wieland, G. R. Amer. J. Sci., New Haven, Conn., (Ser. 4), 14, 1902, (95-108).

Udenodon. Broom, R. London, Proc. Zool. Soc., 1901, 2, (162-190).

5631.55 UPPER PALAEOZOIC.

Lysorophus tricarinatus. Case, E. O. Chicago, Ill., J. Geol. Univ. Chic., 10, 1902, (256-261).

5631.60 MESOZOIC.

Plesiosaurus. Williston, S. W. Washington, D.C., Proc. Ass. Amer. Anat., in Amer. J. Anat., Baltimore, Md., 1, 1901, 1902, (518).

5631.65 TRIASSIC.

Anomoceurus n. gen. Huene, F. von. Geol. u. palaeont. Abh., Jena, (N. F.), 6, H. 1, 1902, (1-84).

Cheirotherium stortonense. Beasley, H. C. Liverpool, Proc. Geol. Soc., 9, pt. 2, 1902, (238-242).

Chelysodon n. gen. *C. latum* *C. blezingeri* n. spp. Huene, F. von. Geol. u. palaeont. Abh., Jena, (N. F.), 6, H. 1, (1-84).

Cruroceurus n. gen. *C. problematicus* n. sp. Huene, F. von. Geol. u. palaeont. Abh., Jena, (N. F.), 6, H. 1, 1902, (1-84).

Ctenosaurus n. gen. *C. koeneni* n. sp. Huene, F. von. Geol. u. palaeont. Abh., Jena, (N. F.), 6, H. 1, 1902, (1-84).

Doliosvertebra n. gen. *D. fritschi* n. sp. Huene, F. von. Geol. u. palaeont. Abh., Jena, (N. F.), 6, H. 1, 1902, (1-84).

Eurycervix n. gen. *E. postumus* n. sp. Huene, F. von. Geol. u. palaeont. Abh., Jena, (N. F.), 6, H. 1, 1902, (1-84).

Pectenosaurus n. gen. *P. strunzi* n. sp. Huene, F. von. Geol. u. palaeont. Abh., Jena, (N. F.), 6, H. 1, (1-84).

Placochelys n. gen. *P. placodonta* n. sp. Jaekel, O. N. Jahrb. Min., Stuttgart, 1902, 1, (127-144).

Placochelys n. gen. Jaekel, O. A. Math. Term. Ért., Budapest, 20, 1902, (337-353).

Plesiosaurus priscus n. sp. Huene, F. von. Geol. u. palaeont. Abh., Jena, (N. F.), 6, H. 1, 1902, (1-84).

Procerosaurus n. gen. *P. cruralis* n. sp. Huene, F. von. Geol. u. palaeont. Abh., Jena, (N. F.), 6, H. 1, (1-84).

Ptychosiaugum. Broom, R. Cape Town, Trans. S. Afric. Phil. Soc., 11, 1902, (233-235).

Rileya n. gen. *R. bristolensis* n. sp. Huene, F. von. Geol. u. palaeont., Abh., Jena, (N. F.), 6, H. 1, (1-84).

Trochanterium n. gen. *T. gaudryi* n. sp. Huene, F. von. Geol. u. palaeont. Abh., Jena, (N. F.), 6, H. 1, 1902, (1-84).

5631.70 JURASSIC.

Brontosaurus. Hatcher, J. B. Pittsburgh, Pa., Ann. Carnegie Mus., 1, 1902, (356-376).

Dacrosaurus. Fraas, E. Palaeontographica, Stuttgart, 49, 1902, (1-71).

Elosaurus n. gen. *E. parvus* n. sp. Peterson, O. A. and Gilmore, C. W. Pittsburgh, Pa., Ann. Carnegie Mus., 1, 1902, (490-499).

Geosaurus. Fraas, E. Palaeontographica, Stuttgart, 49, 1902, (1-71).

Ichthyosaurus thyrospendylus. Sheppard, Thos. Geol. Mag., London, (Ser. 2), [4], 9, 1902, (427).

Rhamphorhynchus longiceps n. sp. Woodward, A. S. Ann. Mag. Nat. Hist., (Ser. 7), 9, 1902, (3).

Thalattosuchia. Fraas, E. Palaeontographica, Stuttgart, 49, 1902, (1-71).

5631.75 CRETACEOUS.

Archelon. **Wieland**, G. R. Amer. J. Sci., New Haven, Conn., (Ser. 4), **14**, 1902, (95-108).

Bothriospondylus (?). **Nopcsa**, Franz Baron. Wien, SitzBer. Ak. Wiss., **111**, Abt. I, 1902, (93-114).

Claosaurus annectens Marsh. **Beecher**, C. E. New Haven, Conn., Trans. Acad. Arts Sci., **11**, 1901-1902, (311-323).

Cratacomus = *Struthiosaurus*. **Nopcsa**, Franz Baron. Wien, SitzBer. Ak. Wiss., **111**, Abt. I, 1902, (93-114).

Dinosaurus. **Douglas**, E. Science, New York, N.Y., (N. Ser.), **15**, 1902, (31-32).

Dolichorhynchops osborni n. sp. **Williston**, S[amuel] W[endell]. Lawrence, Kan., Univ. Sci. Bull., **1**, 1902, (141-245).

Megalosaurus hungaricus n. sp. **Nopcsa**, Franz Baron. Wien, SitzBer. Ak. Wiss., **111**, Abt. I, 1902, (93-114).

Moehlodon suessi Seeley (= *M. robustum* v. **Nopcsa**). **Nopcsa**, Franz, Baron, jun. Wien, Denkschr. Ak. Wiss., **72**, 1902, (149-175).

Nyetodactylus. **Williston**, S. W. Amer. J. Anat., Baltimore, Md., **1**, 1902, (297-305).

Nyetodactylus. **Williston**, S. W. Chicago, Ill., J. Geol. Univ. Chic., **10**, 1902, (520-531).

. . . *Protostega*. **Williston**, S. W. Amer. J. Sci., New Haven, Conn., (Ser. 4), **13**, 1902, (276-278).

Stegosaurus marshi n. sp. **Lucas**, F. A. Washington, D.C., Smithsonian Inst., Proc. Nation. Mus. Proc., **23**, 1901, (591-592). Separate. 24.5 cm.

Struthiosaurus (*Cratacomus*). **Nopcsa**, Franz Baron. Wien, SitzBer. Ak. Wiss., **111**, Abt. I, 1902, (93-114).

Toxochelys. **Wieland**, G. R. Amer. J. Sci., New Haven, Conn., (Ser. 4), **14**, 1902, (95-108).

5631.80 CAENOZOIC.

Andrias. **Laube**, G. C. Prag, Abh. Lotos, **2**, 1901, 4. Heft, 1901, (76).

Archaeotriton. **Laube**, G. C. Prag, Abh. Lotos, **2**, 1901, 4. Heft, 1901, (76).

Asphaerion. **Laube**, G. C. Prag, Abh. Lotos, **2**, 1901, 4. Heft, 1901, (76).

Chelydra argillarum n. sp. **Laube**, G. C. Prag, Abh. Lotos, **2**, 1901, 2. Heft, 1900, (22).

Chelydra n. sp. indet. **Laube**, G. G. Prag, Abh. Lotos, **2**, 1901, 4. Heft, 1901, (76).

Diplocynodon? n. sp. indet. **Laube**, G. C. Prag, Abh. Lotos, **2**, 1901, 4. Heft, 1901, (76, mit 8 Taf.).

Palaeobatrachus. **Laube**, G. C. Prag, Abh. Lotos, **2**, 1901, 4. Heft, 1901, (76).

Protopelobates. **Laube**, G. C. Prag, Abh. Lotos, **2**, 1901, 4. Heft, 1901, (76).

Ptychogaster n. sp. indet. **Laube**, G. C. Prag, Abh. Lotos, **2**, 1901, 4. Heft, 1901, (76).

Rana. **Laube**, G. C. Prag, Abh. Lotos, **2**, 1901, 4. Heft, 1901, (76).

Salamandra. **Laube**, G. C. Prag, Abh. Lotos, **2**, 1901, 4. Heft, 1901, (76).

Testudo. **Laube**, G. C. Prag, Abh. Lotos, **2**, 1901, 4. Heft, 1901, (76).

Trionyx nn. spp. **Laube**, G. C. Prag, Abh. Lotos, **2**, 1901, 2. Heft, 1900, (22).

Trionyx n. sp. indet. **Laube**, G. C. Prag, Abh. Lotos, **2**, 1901, 4. Heft, 1901, (76).

Triton. **Laube**, G. C. Prag, Abh. Lotos, **2**, 1901, 4. Heft, 1901, (76).

5631.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

Mosasaurus. **Janichevskij**, M. Ježeg. geol. i miner., Varšava, **V**, 4-5, 1902, (94-99). (Russ. mit deutschem Rés.), (99).

5631.90 UPPER CAENOZOIC
(*MIOCENE, PLIOCENE*).

Diplocynodon. Redlich, K. A. Wien, Jahrb. Geol. RchsAnst., **52**, 1902, (135-140).

5831 AVES.

5831.80 CAENOZOIC.

Anas. Laube, G. C. Prag, Abh. Lotos, **2**, 1901, 4. Heft, 1901, (76).

Totanus praecursor n. sp. Laube, G. C. Prag, Abh. Lotos, **2**, 1901, 4. Heft, 1901, (76).

6031 MAMMALIA.

6031.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Amphicyon praecursor n. sp. Schlosser, M. Geol. u. palaeont. Abh. Jena, (N. F.), **5**, H. 3, 1902, (1-144).

Capreolus caprea. Mansel-Pleydell, J. C. Dorchester, Proc. Dorset Nat. Hist. F. Cl., **23**, 1902, (1-15).

Castor neglectus n. sp. Schlosser, M. Geol. u. palaeont. Abh. Jena, (N. F.), **5**, H. 3, 1902, (1-144).

Cercus suevicus n. sp. Schlosser, M. Geol. u. palaeont. Abh., Jena, (N. F.), **5**, H. 3, 1902, (1-144).

Cynodictis pygmaeus n. sp. Schlosser, M. Geol. u. palaeont. Abh., Jena, (N. F.), **5**, H. 3, 1902, (1-144).

Diceratherium zitteli n. sp. Schlosser, M. Geol. u. palaeont. Abh., Jena, (N. F.), **5**, H. 3, 1902, (1-144).

Dipoides problematicus n. sp. Schlosser, M. Geol. u. palaeont. Abh., Jena, (N. F.), **5**, H. 3, 1902, (1-144).

Elephas primigenius. Ward, J. Stafford, Trans. N. Staff. F. Cl., **38**, 1902, (90-93).

Lepus primaevus n. sp. Schlosser, M. Geol. u. palaeont. Abh., Jena, (N. F.), **5**, H. 3, 1902, (1-144).

Mustela? jägeri n. sp. Schlosser, M. Geol. u. palaeont. Abh., Jena, (N. F.), **5**, H. 3, 1902, (1-144).

Ocapia johnstoni. Major, C. I. F. Verb. intern. Zool. Congr., Jena, **5**, 1902, (1056-1057).

Pachycynodon neglectus n. sp. Schlosser, M. Geol. u. palaeont. Abh. Jena, (N. F.), **5**, H. 3, 1902, (1-144).

Paracynodon nn. spp. Schlosser, M. Geol. u. palaeont. Abh., Jena, (N. F.), **5**, H. 3, 1902, (1-144).

Paragelocus n. gen. *P. scotti* n. sp. Schlosser, M. Geol. u. palaeont. Abh. Jena, (N. F.), **5**, H. 3, 1902, (1-144).

Pithecanthropus erectus. Schiff, E. In E. Schiff, Aus dem naturwissenschaftlichen Jahrhundert. Berlin, 1902, (123-130).

Promephitis gaudryi n. sp. Schlosser, M. Geol. u. palaeont. Abh., Jena, (N. F.), **5**, H. 3, 1902, (1-144).

Pseudogelocus n. gen. *P. suevicus* n. sp. Schlosser, M. Geol. u. palaeont. Abh. Jena, (N. F.), **5**, H. 3, 1902, (1-144).

Stenoplesictis (?) grimmii n. sp. Schlosser, M. Geol. u. palaeont. Abh. Jena, (N. F.), **5**, H. 3, 1902, (1-144).

Tapirus. Schlosser, M. Centralbl. Min., Stuttgart, **1901**, (135-136).

Ursavus depereti n. sp. Schlosser, M. Geol. u. palaeont. Abh., Jena, (N. F.), **5**, H. 3, 1902, (1-144).

6031.80 MESOZOIC.

Aceratherium. Laube, G. C. Prag, Abh. Lotos, **2**, 1901, 4. Heft, 1901, (76).

Aceratherium. Schlosser, M. Prag, Abh. Lotos, **2**, 1901, 3. Heft, 1901, (44).

Aceratherium. Schlosser, M. Prag, Abh. Lotos, **2**, 1901, 4. Heft, 1901, (77-80).

Amphicyon. Laube, G. C. Prag, Abh. Lotos, 2, 1901, 4. Heft, 1901, (76).

Amphicyon (olim *Pseudocyon*) *bohemicus* Schlosser. Schlosser, M. Prag, Abh. Lotos, 2, 1901, 3. Heft, 1901, (44).

Amphicyonide. Laube, G. C. Prag, Abh. Lotos, 2, 1901, 4. Heft, 1901, (76).

Amphicyonide [n. ?] gen. indet. Schlosser, M. Prag, Abh. Lotos, 2, 1901, 3. Heft, 1901, (44).

Anthracotherium. Laube, G. C. Prag, Abh. Lotos, 2, 1901, 4. Heft, 1901, (76).

Anthracotherium ? Schlosser, M. Prag, Abh. Lotos, 2, 1901, 3. Heft, 1901, (44).

Anthracotherium. Schlosser, M. Prag, Abh. Lotos, 2, 1901, 4. Heft, 1901, (77-80).

Ceratogaulus n. gen. *C. rhinocerus* n. sp. Matthew, W. D. New York, Bull. Amer. Mus. Nat. Hist., 16, 1902, (291-310). Author's ed. 24 cm.

Dinotherium. Laube, G. C. Prag, Abh. Lotos, 2, 1901, 4. Heft, 1901, (76).

Gelocus. Laube, G. C. Prag, Abh. Lotos, 2, 1901, 4. Heft, 1901, (76).

Gelocus laubei n. sp. Schlosser, M. Prag, Abh. Lotos, 2, 1901, 3. Heft, 1901, (44).

Hyootherium. Laube, G. C. Prag, Abh. Lotos, 2, 1901, 4. Heft, 1901, (76).

Mastodon. Laube, G. C. Prag, Abh. Lotos, 2, 1901, 4. Heft, 1901, (76).

Mylogaulus laevis n. sp. [= *M. monodon* Matthew non Cope.] Matthew, W. D. New York, N.Y., Bull. Amer. Mus. Hist., 16, 1902, (291-310). Author's ed. 24 cm.

Mylogaulus paniensis n. sp. Matthew, W. D. New York, N.Y., Bull. Amer. Mus. Nat. Hist., 16, 1902, (291-310). Author's ed. 24 cm.

Palaeochoerus. Laube, G. C. Prag, Abh. Lotos, 2, 1901, 4. Heft, 1901, (76).

Palaeochoerus. Schlosser, M. Prag, Abh. Lotos, 2, 1901, 3. Heft, 1901, (44).

Palaeomeryx. Laube, G. C. Prag, Abh. Lotos, 2, 1901, 4. Heft, 1901, (76).

Palaeomeryx ? *annectens* n. sp. Schlosser, M. Prag, Abh. Lotos, 2, 1901, 3. Heft, 1901, (44).

Rhinoceridae Schlosser, M. Prag, Abh. Lotos, 2, 1901, 3. Heft, 1901, (44).

Sciurus. Laube, Gustav [Carl]. Prag, Abh. Lotos, 2, 1901, 4. Heft, 1901, (76).

Tapirus. Laube, G. C. Prag, Abh. Lotos, 2, 1901, 4. Heft, 1901, (76).

Tapirus. Schlosser, M. Prag, Abh. Lotos, 2, 1901, 3. Heft, 1901, (44).

6031.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

Brontotherium leidyi n. sp. Osborn, H. F. New York, N.Y., Bull. Amer. Mus. Nat. Hist., 16, 1902, (91-109). Author's ed. 24 cm.

Bunaelurus. Matthew, W. D. New York, N.Y., Bull. Amer. Mus. Nat. Hist., 16, 1902, (137-140). Published as separate. Author's ed. 24.5 cm.

Eosiren n. gen. for *E. libyca*. Andrews, C. W. Geol. Mag., London, (Ser. 2), [4], 9, 1902, (293).

Limnocyon medius n. sp. Wortman, J. L. Amer. J. Sci., New Haven, Conn., (Ser. 4), 13, 1902, (39-46, 115-123, 197-206, 438-448); 14, 1902, (17-23).

Megacerops nn. spp. Osborn, H. F. New York, N.Y., Bull. Amer. Mus. Nat. Hist., 16, 1902, (91-109). Author's ed. 24 cm.

Moeritherium gracile n. sp. Andrews, C. W. Geol. Mag. London, (Ser. 2), [4], 9, 1902, (292).

Pachyhyaena. Boule, M. Paris, C.-R. Acad. Sci., 135, (543-545).

Sinopa nn. spp. Wortman, J. L. Amer. J. Sci., New Haven, Conn., (Ser. 4), 13, 1902, (39-46, 115-123, 197-206, 433-448); 14, 1902, (17-23).

6031.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Amphicyon sinapius n. sp. Matthew, W. D. New York, N.Y., Bull. Amer. Mus. Nat. Hist., 16, 1902, (281-290). Author's ed. 24 cm.

Cryptopithecus macrognathus n. sp. Wittich, E. Centralbl. Minn., Stuttgart, 1902, (289-294).

Cynarctus n. gen. *C. sazalilis* n. sp. Matthew, W. D. New York, N.Y., Bull. Amer. Mus. Nat. Hist., 16, 1902, (287-290). Author's ed. 24 cm.

Dinocyon. Matthew, W. D. New York, N.Y., Bull. Amer. Mus. Nat. Hist., 16, 1902, (129-136). Published as separate. Author's ed. 24.5 cm.

Galerix exilis. Leche, W. Zool. Anz., Leipzig, 25, 1901, (8-9).

Hypsiodus. Matthew, W. D. New York, N.Y., Bull. Amer. Mus. Nat. Hist., 16, 1902, (311-316). Author's ed. 24 cm.

Miomys n. gen. Major, C. I. F. London, Proc. Zool. Soc., 1902, 1, (102-107).

Mustela palaeattica. Major, C. I. F. London, Proc. Zool. Soc., 1902, 1, (109-114).

Rhinoceros n. sp. Yoshiwara, S. and Iwasaki, J. Tokyo, J. Coll. Sci., 16, Art. 6, 1902, (1-13, with pl.).

Titanotherium dispar. Hatcher, J. B. Pittsburg, Pa., Ann. Carnegie Mus., 1, 1902, (347-355).

Uraeus. Redlich, K. A. Wien, Jahrb. Geol. Rchs-Anst., 52, 1902, (135-140).

Elephas primigenius. Rabot, Ch. Nature, Paris, 30, (1^{er} semest.), 1902, (307).

Elephas primigenius. Virchow, R. CorrBl., D. Ges. Anthr., Munchen, 32, 1901, (108).

Elephas primigenius. Voermanak, J. Ver. Zs. vaterl. Gesch., Münster, 59, 1901, Abt. 2, (212-213).

Elephas trogontherii. Volz, W. Centralbl. Minn., Stuttgart, 1901, (588-589).

Elephas trogontherii Pohl. Volz, W. Centralbl. Minn., Stuttgart, 1902, (55-57).

Elephas trogontherii. Wüst, E. Centralbl. Minn., Stuttgart, 1901, (683-686).

Elephas trogontherii Pohl. Wüst, E. L. Centralbl. Minn., Stuttgart, 1902, (183-185).

Enhydrietus galictoides. Major, C. I. F. London, Proc. Zool. Soc., 1901, 2, 1902, (625).

Equus fossilis. Seeley, H. G. London, Q. J. Geol. Soc., 58, 1902, (Proc. V.).

Grypoterium. Lehmann-Nitsche, R. Arch. Anthr., Braunschweig, 27, 1902, (583-597).

Hippopotamus. Major, C. I. F. London, Proc. Zool. Soc., 1902, 2, (107-112).

Hippopotamus madagascariensis. Major, C. I. F. Geol. Mag., London, (Ser. 2), [4], 9, (193-199).

Hyaena spelaea. Reynolds, S. H. London, Monogr. Palaeontogr. Soc., 56, 1902, (1-25).

Lagomys corsicanus. Depéret, Ch. Paris, C.-R. Acad. Sci., 135, 1902, (884-886).

Mastodon. Gordon, R. Science, New York, N.Y., (N. Ser.), 16, 1902, (594).

Mastodon. Hollick, A. New York, N.Y., Ann. Acad. Sci., 14, 1901, (67-68).

Mastodon. Lucas, F. A. Science, New York, N.Y., (N. Ser.), 16, 1902, (669).

Microtus intermedius. Hinton, Martin A. C. and White, G. London, Proc. Geol. Ass., 17, 1902, (414).

6031.95 PLEISTOCENE AND RECENT.

Camelus knoblochi. Pallary, Paris, Bul. soc. géol., (sér. 4), 2, 1902, (4-5).

Capromeryx n. gen. *C. furcifer* n. sp. Matthew, W. D. New York, N.Y., Bull. Amer. Mus. Nat. Hist., 16, 1902, (317-321). Author's ed. 24 cm.

Cervus elaphus. Barrett-Hamilton, G. E. H. Irish Nat., Dublin, 11, 1902, (25).

Elephas primigenius. Lucas, F. A. Washington, D.C., Smithsonian Inst., Rep., 1899, 1901, (353-359).

Elephas primigenius. Lydekker, R. Washington, D.C., Smithsonian Inst., Rep., 1899, 1901, (361-366).

Myolagus zitteli n. sp. **Wittlich**, E. Centralbl. Minn., Stuttgart, **1902**, (562-565).

Onohippidium. **Woodward**, A. S. London, Proc. Zool. Soc., 1902, **1**, (1).

Ovibos. **Michael**, R. Berlin, Zs. D. geol. Ges., **54**, 1902, Protokolle, (12-14).

Ovibos cavifrons Leidy. **Hatcher**, J. B. Science, New York, N.Y., (N. Ser.), **16**, 1902, (707-709).

Pithecanthropus erectus. **Amoedo**, O. Paris, C.-R. ass. franç. avanc. sci., **30**, (Ajaccio, 1901, 2^e partie), 1902, (193-198).

Pithecanthropus erectus. **Duckworth**, L. Anthr., Paris, **13**, 1902, * (204-206).

Rhinoceros. **Hinton**, M. A. C. Stratford, Essex Nat., **12**, (Nos. completing), 1902, (231-236).

Spermophilus. **Laville et Rollain**. Paris, Bul. mem. soc. anthr., (sér. 4), **2**, 1902, (61-62).

Trogontherium. **Newton**, E. T. Geol. Mag., London, (Ser. 2), [4], **9**, 1902, (385-388).

Vulpes latidentatus n. sp. **Cope**, E. D. Philadelphia, Pa., J. Acad. Nat. Sci., (Ser. 2), **11**, 1901, (193-267).

LIST OF NEW GENERA AND SPECIES.

0431 PROTOZOA.

Biloculina [Foraminifera].—— *inflata*. Wright, J. 1298.*Bulmina* [Foraminifera].—— *minutissima*. Wright, J. 1298.*Orbitoides* [Foraminifera].—— *angularis*. Newton, R. B. and Holland, R. 1050.*Plectofrondicularia* n. gen. [Foraminifera]. Liebus, A. 981.—— *conca*. Liebus, A. 981.

0631 PORIFERA.

Andreaea n. gen. [Hexactinellida]. Schrammen, A. 1157.—— *hexagonalis*. Schrammen, A. 1157.*Balanionella* n. gen. [Hexactinellida]. Schrammen, A. 1157.—— *elegans* n. sp. Schrammen, A. 1157.*Beckia* [Hexactinellida].—— *angustae*. Schrammen, A. 1157.*Eubrochia* n. gen. [Hexactinellida]. Schrammen, A. 1157.—— *senonica*. Schrammen, A. 1157.*Eudictyon* n. gen. [Hexactinellida]. Schrammen, A. 1157.—— *diagonale*. Schrammen, A. 1157.—— *striatum*. Schrammen, A. 1157.*Guetardia* [Hexactinellida].—— *stumpeli*. Schrammen, A. 1157.*Kentrosia* n. gen. [Hexactinellida]. Schrammen, A. 1157.—— *incrustans*. Schrammen, A. 1157.*Leiostracosia* n. gen. [Hexactinellida]. Schrammen, A. 1157.—— *punctata*. Schrammen, A. 1157.*Lepidospongia* [Hexactinellida].—— *brandesi*. Schrammen, A. 1157.*Leptophragma* [Hexactinellida].—— *pusilla*. Schrammen, A. 1157.*Microblastidium* n. gen. [Hexactinellida]. Schrammen, A. 1157.—— *decurrens*. Schrammen, A. 1157.*Pachyleptima* n. gen. [Hexactinellida]. Schrammen, A. 1157.—— *robusta*. Schrammen, A. 1157.*Plectodermatium* n. gen. [Hexactinellida]. Schrammen, A. 1157.—— *fragile*. Schrammen, A. 1157.*Plocoscypbia* [Hexactinellida].—— *acinosa*. Schrammen, A. 1157.*Polyopesia* n. gen. [Hexactinellida]. Schrammen, A. 1157.—— *angustata*. Schrammen, A. 1157.—— *radiciformis*. Schrammen, A. 1157.*Procurate* n. gen. [Hexactinellida]. Schrammen, A. 1157.—— *plicata*. Schrammen, A. 1157.

- Typhlopleura** n. gen. [Hexactinellida].
Schrammen, A. 1157.
——— *dichotoma*. Schrammen, A.
1157.
VENTRICULITES [Hexactinellida].
——— *stellatus* n. sp. Schrammen,
A. 1157.

0631 COELENTERATA.

- ACROPHYLLUM** [Tetracoralla].
——— *rugosum*. Greene, G. K.
856.
Atollites n. gen. [Acalephae].
Maas, O. 1007.
——— *minor*. Maas, O. 1007.
——— *sitteli*. Maas, O. 1007.
AULACOPHYLLUM [Tetracoralla].
——— *enormia*. Herzer, H. 882.
——— *excentricum*. Herzer, H.
882.
BLOTHROPHYLLUM [Tetracoralla].
——— *coniferum*. Greene, G. K.
856.
——— *greensi*. Greene, G. K.
856.
Bordenia n. gen. [Tetracoralla].
Greene, G. K. 856.
——— *zaphrentiformis*. Greene,
G. K. 856.
CALOPHYLLUM [Tetracoralla].
——— *tachernyschewi*. Lebedev,
N. 973.
CAMPOPHYLLUM [Tetracoralla].
——— *keyserlingii*. Lebedev, N.
973.
Cannostomites n. gen. [Acalephae].
Maas, O. 1007.
——— *multicirrata*. Maas, O.
1007.
CERATOPORA [Octocoralla].
——— *agglomerata*. Greene, G. K.
856.
——— *conglomerata*. Greene, G. K.
856.

- CERATOPORA** [Octocoralla].
——— *flabellata*. Greene, G. K.
856.
——— *nanus*. Greene, G. K.
856.
——— *separata*. Greene, G. K.
856.

CERATOTROCHUS [Hexacoralla].

- *exilis*. Dennant, J. 780.
——— *halli*. Dennant, J. 780.

CHONOPHYLLUM [Tetracoralla].

- *curvatum*. Herzer, H.
882.
——— *cylindricum*. Herzer, H.
882.
——— *infundibulum*. Greene, G.
K. 856.
——— *typicum*. Greene, G. K.
856.

CLADOPORA [Hexacoralla].

- *smiera*. Clarke, J. M.
755.
——— *stypelia*. Clarke, J. M.
755.

CONOZYATHUS [Hexacoralla].

- *scrobiculatus*. Dennant, J.
780.

CYATHOPHYLLUM [Tetracoralla].

- *capax*. Herzer, H. 882.
——— *carbonicum*. Lebedev, N.
973.
——— *stuckenbergi*. Lebedev, N.
973.
——— *timanicum*. Lebedev, N.
973.
——— *uchtente*. Lebedev, N. 973.
——— *weberi*. Lebedev, N. 973.

CYATHOSMILIA [Hexacoralla].

- *velata*. Dennant, J. 780.

CYSTELASMA [Tetracoralla].

- *septata*. Greene, G. K.
856.

CRISTIPHYLLUM [Tetracoralla].

- *basalis*. Herzer, H. 882.
 —— *discordeum*. Herzer, H. 882.
 —— *diversum*. Greene, G. K. 856.
 —— *expansum*. Greene, G. K. 856.
 —— *louisvillensis*. Greene, G. K. 856.
 —— *multicrenatum*. Greene, G. K. 856.
 —— *perlamellosum*. Herzer, H. 882.
 —— *prostratum*. Herzer, H. 882.
 —— *retrosum*. Herzer, H. 882.
 —— *scyphus*. Herzer, H. 882.

DELTOCYATHUS [Hexacoralla].

- *subviola*. Dennant, J. 780.

DESMOPHYLLUM [Hexacoralla].

- *joannense*. Dennant, J. 780.

ENALLOPHYLLUM n. gen. [Tetracoralla].
Greene, G. K. 856.

- *grabau*. Greene, G. K. 856.

FAVOSITES [Hexacoralla].

- *cystoides*. Herzer, H. 882.
 —— *seamani*. Greene, G. K. 856.

HADROPHYLLUM [Tetracoralla].

- *linguloidum*. Herzer, H. 882.

HELIOPHYLLUM [Tetracoralla].

- *ampliatum*. Greene, G. K. 856.
 —— *collatum*. Greene, G. K. 856.
 —— *conigerum*. Greene, G. K. 856.
 —— *hamelli*. Greene, G. K. 856.
 —— *rouleyi*. Greene, G. K. 856.
 —— *spiculatum*. Greene, G. K. 856.

Holocotrochus n. gen. [Hexacoralla].
Dennant, J. 780.

- *scriptus*. Dennant, J. 780.

Myogramma n. gen. [Acalephae].

- Maas, O. 1007.
 —— *speciosum*. Maas, O. 1007.

PARACYATHUS [Hexacoralla].

- *marylandicus*. Vaughan, T. W. 1224.

PARASMILIA [Hexacoralla].

- *hermani*. Dennant, J. 780.

PLATYTROCHUS [Hexacoralla].

- *airensis*. Dennant, J. 780.
 —— *curvatus*. Dennant, J. 780.
 —— *hastatus*. Dennant, J. 780.

PTEROGRAFTUS [Graptulitoidea].

- *scanicus*. Moberg, J. C. 1045.

ROMINGERIA [Hexacoralla].

- *cystoides*. Greene, G. K. 856.

THECLA [Hexacoralla].

- *kentuckyensis*. Herzer, H. 882.
 —— *schrivieri*. Herzer, H. 882.

VERMIPORA [Hexacoralla].

- *streptocoelia*. Clarke, J. M. 755.

ZAPHRENTIS [Tetracoralla].

- *albus*. Greene, G. K. 856.
 —— *curtus*. Greene, G. K. 856.
 —— *inflexus*. Greene, G. K. 856.
 —— *insolens*. Greene, G. K. 856.
 —— *lamasteri*. Greene, G. K. 856.
 —— *neptuni*. Herzer, H. 882.
 —— *obscurus*. Greene, G. K. 856.
 —— *pusillus*. Greene, G. K. 856.

1031 ECHINODERMATA.

AGARIOCRINUS [Crinoidea].

———— *praecursor*. Rowley, R. R.
1126.

AEOCRINUS [Crinoidea].

———— *cassedayi* var. *charlestownensis* n. var. Greene,
G. K. 856.

———— *depressus*. Greene, G. K.
856.

BRISSOPSIS [Echinoidea].

———— *anotolica*. Toulas, F. 1213.

———— *constricta*. Gauthier, V.
842.

CERIOCRINUS [Crinoidea].

———— *harshbargeri*. Beede, J. W.
702.

CIDARIS [Echinoidea].

———— *scabra*. Gauthier, V. 842.

CIONOBRISUS [Echinoidea].

———— *morgani*. Gauthier, V.
842.

CONOCLYPEUS [Echinoidea].

———— *morgani*. Gauthier, V.
842.

CYATHOCRINUS [Crinoidea].

———— *granulosus*. Rowley, R. R.
1126.

———— *snivelyi*. Rowley, R. R.
1126.

DISCOIDES [Echinoidea].

———— *morgani*. Gauthier, V.
842.

ECHINOLAMPAS [Echinoidea].

———— *grossouvrei*. Gauthier, V.
842.

———— *praedensa*. Gauthier, V.
842.

EDRIOCRINUS [Crinoidea].

———— *becraftensis*. Clarke, J. M.
755.

EUSPATANGUS [Echinoidea].

———— *ghiavanensis*. Gauthier, V.
842.

EPIASTER [Echinoidea].

———— *lamberti*. Gauthier, V.
842.

ERETMOCRINUS [Crinoidea].

———— *brevia*. Rowley, R. R.
1126.

———— *parvus*. Rowley, R. R.
1126.

HEMIASTER [Echinoidea].

———— *devolutus*. Gauthier, V.
842.

———— *kanapanensis*. Gauthier, V.
842.

———— *morgani*. Gauthier, V.
842.

———— *parthicus*. Gauthier, V.
842.

———— *recurvus*. Gauthier, V.
842.

HOLASTER [Echinoidea].

———— *ananchytoides*. Elbert, J.
810.

———— *planus* var. *quadrangulus*
n. var. Elbert, J. 810.

———— *subconicus*. Gauthier, V.
842.

Holasteropsis n. gen. [Echinoidea].
Elbert, J. 810.

———— *credneriana*. Elbert, J.
810.

HYPASTER [Echinoidea].

———— *converus*. Gauthier, V.
842.

———— *douvillei*. Gauthier, V.
842.

———— *valamtarensis*. Gauthier, V.
842.

IRANIASTER [Echinoidea].

———— *nodulosus*. Gauthier, V.
842.

LOBOCRINUS [Crinoidea].

———— *dubius*. Rowley, R. R.
1126.

———— *dubius* var. *pustulosus* n.
var. Rowley, R. R. 1126.

———— *insolitus*. Rowley, R. R.
1126.

MEGISTOCRINUS [Crinoidea .

- *circulus*. Greene, G. K. 856.
 —— *expansus* var. *inflatus* n. var. Greene, G. K. 856.

NUCLEOCRINUS [Blastoidea].

- *cucullatus*. Greene, G. K. 856.
 —— *imitator*. Greene, G. K. 856.
 —— *unicornis*. Greene, G. K. 856.
 —— *stichter*. Greene, G. K. 856.
 —— *verneuili* var. *inflatus* n. var. Greene, G. K. 856.
 —— *verneuili* var. *sulcatus* n. var. Greene, G. K. 856.

OPHISTASTER [Echinoidea].

- *douvillei*. Gauthier, V. 842.

ORTHOCHINUS [Echinoidea].

- *cotteaui*. Gauthier, V. 842.

PENTREMITES [Blastoidea].

- *altus*. Greene, G. K. 856.

PERICOMUS [Echinoidea].

- *douvillei*. Gauthier, V. 842.

RHABDOCIDARIS [Echinoidea].

- *granulata*. Gauthier, V. 842.
 —— *morgani*. Gauthier, V. 842.

SAGENOCRINUS [Crinoidea].

- *americanus*. Springer, F. 1189.

SCAPHIOCRINUS [Crinoidea].

- *longitenticulatus*. Greene, G. K. 856.

SCHIZASTER [Echinoidea].

- *persicus*. Gauthier, V. 842.

STENONIA [Echinoidea].

- *morgani*. Gauthier, V. 842.

1831 VERMES.**DAEMONHELIX.**

- *cretaea*. Elbert, J. 810.

Eopolychaeta n. gen. [Polychaeta].
Ruedemann, R. 1127.

- *albaniensis*. Ruedemann, R. 1127.

Pontobdellopsis n. gen. [Polychaeta].
Ruedemann, R. 1127.

- *cometa*. Ruedemann, R. 1127.

SPIROBIS [Polychaeta].

- *assimilis*. Clarke, J. M. 755.

2031 BRACHIOPODA AND BRYOZOA.**ACROTRETA** [Brachiopoda].

- *argenta*. Walcott, C. D. 1237.
 —— *claytoni*. Walcott, C. D. 1237.
 —— *concentrica*. Walcott, C. D. 1237.
 —— *conula*. Walcott, C. D. 1237.
 —— *convexa*. Walcott, C. D. 1237.
 —— *curvata*. Walcott, C. D. 1237.
 —— *definita*. Walcott, C. D. 1237.
 —— *gracia*. Walcott, C. D. 1237.
 —— *idahoensis*. Walcott, C. D. 1237.
 —— *idahoensis* var. *alta* n. var. Walcott, C. D. 1237.

ACROTRETA [Brachiopoda].

- *idahoensis* var. *sulcata* n. var. Walcott, C. D. 1237.
- *kutorgai*. Walcott, C. D. 1237.
- *microscopica* var. *missouriensis* n. var. Walcott, C. D. 1237.
- *microscopica* var. *tetonensis* n. var. Walcott, C. D. 1237.
- *ophirensis*. Walcott, C. D. 1237.
- *ophirensis* var. *rugosus* n. var. Walcott, C. D. 1237.
- *ovalis*. Walcott, C. D. 1237.
- *primaeva*. Walcott, C. D. 1237.
- *schmalensei*. Walcott, C. D. 1237.
- *seebachi*. Walcott, C. D. 1237.
- *signalis*. Walcott, C. D. 1237.

ASPIDOSTOMA [Bryozoa].

- *airensis*. Maplestone, C. M. 1018.

BARRANDELLA [Brachiopoda].

- *kjerulfi*. Kiær, J. 941.

BRACHYPRION [Brachiopoda].

- *majus*. Clarke, J. M. 755.
- *schuchertanum*. Clarke, J. M. 755.

Bröggeria n. subgen. [Brachiopoda].
Walcott, C. D. 1237.**CAVARIA** [Bryozoa].

- *dumosa*. Ulrich, E. O. 1219.

CELLARIA [Bryozoa].

- *incudifera*. Maplestone, C. M. 1018.
- *robusta*. Maplestone, C. M. 1018.

CELLEPORA [Bryozoa].

- *formosensis*. Newton, R. B., and Holland, R. 1050.

CHONETES [Brachiopoda].

- *cinctatus*. Herzer, H. 882.
- *hudsonica*. Clarke, J. M. 755.

CHRISTIANIA [Brachiopoda].

- *trentonensis*. Ruedemann, R. 1128.

CRANIA [Brachiopoda].

- *delicata*. Greene, G. K. 856.
- *depressa*. Greene, G. K. 856.
- *lemoni*. Greene, G. K. 856.
- *patagonica*. Dall, W. H. 768.
- *robusta*. Greene, G. K. 856.

CRIBRILINA [Bryozoa].

- *crassula*. Ulrich, E. O. 1219.
- *modesta*. Ulrich, E. O. 1219.

CRYPTONELLA (?) [Brachiopoda].

- *fausta*. Clarke, J. M. 755.

CYRTINA [Brachiopoda].

- *varia*. Clarke, J. M. 755.

DIELASMA [Brachiopoda].

- *rhenana*. Drevermann, F. 795.
- *schucherti*. Beede, J. W. 701.

DISCOSPARSA [Bryozoa].

- *varians*, Ulrich, E. O. 1219.

EUNOA n. gen. [Brachiopoda]. Clarke, J. M. 754.

- *accola*. Clarke, J. M. 754.

FASCIPORA [Bryozoa].

- *subramosa*. Ulrich, E. O. 1219.

GENELLIPORA [Bryozoa].

- *auriculata*. Maplestone,
C. W. 1018.

HEDELLIA [Bryozoa].

- *arachnoidea*. Clarke, J. M.
755.
——— *gracilior*. Clarke, J. M.
755.
——— *ramea*. Clarke, J. M. 755.

HETEROPORA (?) [Bryozoa].

- *tecta*. Ulrich, E. O. 1219.

HOLORHYNCHUS n. gen. [Brachiopoda].

- Kiser, J. 941.
——— *giganteus*. Kiser, J. 941.

HOMOTRYPA [Bryozoa].

- *bassleri*. Nickles, J. M.
1053.

LACENIPORA [Bryozoa].

- *airensis*. Maplestone, C. M.
1019.
——— *morningtoniensis*. Maple-
stone, C. M. 1019.

LEKYTHOPORA [Bryozoa].

- *kitsoni*. Maplestone, C. M.
1019.
——— *mooraboolensis*. Maplestone,
C. M. 1019.

LEPRALIA [Bryozoa].

- (?) *bisinuata*. Maplestone,
C. M. 1018.
——— *labiosa*. Ulrich, E. O.
1219.
——— *subplana*. Ulrich, E. O.
1219.

LEPTOBOLUS [Brachiopoda].

- *walcotti*. Ruedemann, R.
1127.

LEPTOSTROPHIA [Brachiopoda].

- *oriakania*. Clarke, J. M.
755.

LINNARSSONELLA n. gen. [Brachiopoda].

- Walcott, C. D. 1237.
——— *tennesseensis*. Walcott, C. D.
1237.

LUNULITES [Bryozoa].

- *reversa*. Ulrich, E. C. 1219.

MEMBRANIPORA [Bryozoa].

- *angusta*. Ulrich, E. O.
1219.
——— *rimulata*. Ulrich, E. O.
1219.
——— *spiculosa*. Ulrich, E. O.
1219.

MERISTELLA [Brachiopoda].

- *lentiiformis*. Clarke, J. M.
755.
——— (?) *vascularia*. Clarke, J. M.
755.

MERONELLA [Bryozoa].

- *aspera*. Ulrich, E. O. 1219.

MICROPORELLA [Bryozoa].

- *marginata*. Maplestone, C.
M. 1019.

MUCRONELLA [Bryozoa].

- *airensis*. Maplestone, C. M.
1019.
——— *conica*. Maplestone, C. M.
1019.
——— *irregularis*. Maplestone, C.
M. 1019.
——— *personata*. Maplestone, C.
M. 1019.
——— *proboscoides*. Maplestone,
C. M. 1019.

OBOLUS [Brachiopoda].

- *canius*. Walcott, C. D.
1237.
——— *finlandensis*. Walcott, C. D.
1237.
——— *schmalensei*. Walcott, C. D.
1237.
——— *spatulus*. Walcott, C. D.
1237.
——— *welleri*. Walcott, C. D.
1237.

ORBICULOIDEA [Brachiopoda].

- *magnifica*. Clarke, J. M.
754.
——— *parva*. Greene, G. K. 856.

ORISKANIA [Brachiopoda].

——— *sinuata*. Clarke, J. M. 755.

ORTHOTHETES [Brachiopoda].

——— *becraftensis*. Clarke, J. M. 755.

PHILHEDRA [Brachiopoda].

——— *schuerdi*. Drevermann, F. 795.

PLATIDIA [Brachiopoda].

——— *marylandica*. Clarke, W. B. 752.

PLEOTAMBONITES [Brachiopoda].

——— *pisum*. Ruedemann, R. 1128.

PORELLA [Bryozoa].

——— *areolata*. Maplestone, C. M. 1019.

——— *angustata*. Maplestone, C. M. 1019.

——— *dennanti*. Maplestone, C. M. 1019.

——— *minutissima*. Maplestone, C. M. 1019.

——— *otcayensis*. Maplestone, C. M. 1019.

——— *rhomboidalis*. Maplestone, C. M. 1019.

PORINA [Bryozoa].

——— *tuberculosa*. Maplestone, C. M. 1019.

PRODUCTUS [Brachiopoda].

——— *barringtonensis*. Dun, W. S. 801.

——— *parvicostatus*. Greene, G. K. 856.

RHYNCHONELLA [Brachiopoda].

——— *denleonis*. Anderson, F. M. 677.

——— *dunensis*. Drevermann, F. 795.

——— *eyrei*. Etheridge, R., jun. 814.

——— *whiteana*. Anderson, F. M. 677.

SCHIZOPORELLA [Bryozoa].

——— *ambigua*. Maplestone, C. M. 1018.

——— *cholithridiata*. Maplestone, C. M. 1018.

——— *flabellata*. Maplestone, C. M. 1018.

——— *hispidata*. Maplestone, C. M. 1018.

——— *mamillata*. Maplestone, C. M. 1018.

——— *nitidissima*. Maplestone, C. M. 1018.

——— *ovalis*. Maplestone, C. M. 1018.

——— *pulvinata*. Maplestone, C. M. 1018.

——— *subgranulata*. Maplestone, C. M. 1018.

——— *terebrata*. Maplestone, C. M. 1018.

——— *variabilis*. Maplestone, C. M. 1018.

SCHIZOTRETA [Brachiopoda].

——— *papilliformis*. Ruedemann, R. 1127.

SPIRIFER [Brachiopoda].

——— *lateralis* var. *delicatus* n. var. Greene, G. K. 856.

——— *pikensis*. Rowley, R. R. 1126.

SPIRIFERINA [Brachiopoda].

——— *aequiglobata*. Uhlig, V. 1218.

——— *horizontalis*. Greene, G. K. 856.

STROPHEODONTA [Brachiopoda].

——— *elegans*. Drevermann, F. 795.

——— *fascigera*. Drevermann, F. 795.

——— *virgata*. Drevermann, F. 795.

TEREBRATULA [Brachiopoda].

—— *hemphilli*. Dall, W. H. 768.

Trigonopora n. gen. [Bryozoa]. Maplestone, C. M. 1019.

—— *vermicularis*. Maplestone, C. M. 1019.

Trypocella n. gen. [Bryozoa]. Maplestone, C. M. 1018.

—— *excavata*. Maplestone, C. M. 1018.

USCINULUS [Brachiopoda].

—— *eifelensis*. Drevermann, F. 795.

—— *peregrinus*. Drevermann, F. 795.

2231 MOLLUSCA.

ACANTHOCERAS [Cephalopoda].

—— *compressum*. Anderson, F. M. 677.

ACLISTINA [Gastropoda].

—— *obscura*. Donald, J. 788.

ACTABONINA [Gastropoda].

—— *ovata*. Picard, E. 1086.

ACTINOPTERIA [Pelecypoda].

—— *insignis*. Clarke, J. M. 755.

ADEORRIS [Gastropoda].

—— *liscaviensis*. Picard, E. 1086.

ALLORISMA [Pelecypoda].

—— *kansasensis*. Boede, J. W. 702.

AMMONITES [Cephalopoda].

—— *kerenskianus*. Bogoslovskij, N. A. 715.

ANCHURA [Gastropoda].

—— *condoniana*. Anderson, F. M. 677.

ANCILLA [Gastropoda].

—— *milthersii*. Ravn, J. P. J. 1104.

ANODONTOPHORA [Pelecypoda].

—— *telleri*. Bittner, A. 711.

Arcuaceras n. gen. [Cephalopoda]. Herzer, H. 882.

—— *ohioense*. Herzer, H. 882.

—— *termicameratum*. Herzer, H. 882.

ARIEITITES [Cephalopoda].

—— *büsei*. Uhlig, V. 1218.

—— *herbichi*. Uhlig, V. 1218.

—— *romanicus*. Uhlig, V. 1218.

—— *wähneri*. Uhlig, V. 1218.

AUCELLA [Pelecypoda].

—— *incurva*. Etheridge, R., jun. 814.

AVICULA [Pelecypoda].

—— *danica*. Ravn, J. P. J. 1103.

—— *fazensis*. Ravn, J. P. J. 1103.

—— *japodica*. Bittner, A. 711.

—— *koasmati*. Bittner, A. 711.

—— *nordenskiöldi*. Kayser, E. 934.

—— *obrotundata*. Maurer, F. 1033.

—— *spitzbergensis*. Kayser, E. 934.

—— *transcaspica*. Andrusov, N. 682.

AVICULOPEPTEN [Pelecypoda].

———— *subequivalvis*. Beede, J. W. 702.

———— *van vleeti*. Beede, J. W. 701.

BACULITES [Cephalopoda].

———— *fairbanksi*. Anderson, F. M. 677.

BAKEWELLIA [Pelecypoda].

———— *gouldii*. Beede, J. W. 701.

BALANTHUM [Gastropoda].

———— *superbum*. Fuchs, T. 837.

BELEMNITES [Cephalopoda].

———— *persulcatus*. Janensch, W. 920.

———— *spinosus*. Janensch, W. 920.

———— *triscissus*. Janensch, W. 920.

BELLEROPHON [Gastropoda].

———— *hians*. Drevermann, F. 795.

———— *rhenanus*. Drevermann, F. 795.

BYTHINELLA [Gastropoda].

———— *vitrellaeformis*. Lörenthey, E. 983.

BITTIUM [Gastropoda].

———— *californicum*. Dall, W. H. and Bartsch, P. 770.

CAMPANILE [Gastropoda].

———— *triseriale*. Basedow, H. 691.

CARDITA [Pelecypoda].

———— *dennanti*. Basedow, H. 691.

CARDIUM [Pelecypoda].

———— (?) *browni*. Etheridge, R., jun. 814.

———— *cilicianum*. Toulou, F. 1213.

———— (?) *cucurtense*. Andrusov, N. 682.

———— *dombra*. Andrusov, N. 682.

———— *karelini*. Andrusov, N. 682.

CARDIUM [Pelecypoda].

———— *konschini*. Andrusov, N. 682.

———— *kumuchicum*. Andrusov, N. 682.

———— *lecanoideum*. Andrusov, N. 682.

———— *mediosulcatum*. Basedow, H. 691.

———— *nikitini*. Andrusov, N. 682.

———— *notakovskyi*. Andrusov, N. 682.

———— *pseudoeule*. Andrusov, N. 682.

———— *radiiferum*. Andrusov, N. 682.

———— *simkewici*. Andrusov, N. 682.

———— *sulacense*. Andrusov, N. 682.

———— *trinacria*. Andrusov, N. 682.

———— *vogdii*. Andrusov, N. 682.

CERITHIUM [Gastropoda].

———— *fazense*. Ravn, J. P. J. 1104.

———— *fenestratum*. Ravn, J. P. J. 1104.

———— *molikianum*. Ravn, J. P. J. 1104.

———— *pseudotelescopium*. Ravn, J. P. J. 1104.

CHAMA [Pelecypoda].

———— *pulchra*. Ravn, J. P. J. 1103.

Chondrodonta n. gen. [Pelecypoda].
Stanton, T. W. 1191.

———— *glabra*. Stanton, T. W. 1191.

CINULIA [Gastropoda].

———— *danica*. Ravn, J. P. J. 1104.

CLAVA [Gastropoda].

———— *dollfusi*. Hoernes, R. 890.

———— *holleri*. Hoernes, R. 890.

CLESSINIA [Gastropoda].

- (?) *intermedia*. Andrusov, N. 682.
 — (?) *polejaevi*. Andrusov, N. 682.
 — (?) *utensis*. Andrusov, N. 682.
 — (?) *vezatilis*. Andrusov, N. 682.

CONGERIA [Pelecypoda].

- *hilberi*. Hoernes, R. 889.
 — *oppenheimi*. Hoernes, R. 889.
 — *plana*. Lörenthey, E. 983.
 — *timnyeana*. Lörenthey, E. 983.

CONOCARDIUM [Pelecypoda].

- *oklahomensis*. Beede, J. W. 701.

CRABOCCERAS [Cephalopoda].

- (?) *ellipticum*. Greene, G. K. 856.

CRASSATELLA [Pelecypoda].

- *fazensis*. Ravn, J. P. J. 1103.

CYTODONTA [Pelecypoda].

- *elongata*. Maurer, F. 1033.
 — *rectangularis*. Maurer, F. 1033.
 — *regularis*. Maurer, F. 1033.

CYTOSTREON [Pelecypoda].

- *burekhardtii*. Newton, R. B. 1049.

CYCLOSTOMA [Gastropoda].

- *schrammeni*. Andreae, A. 678.

CYPRAEA [Gastropoda].

- *globuliformis*. Ravn, J. P. J. 1104.

CYTOCERAS [Cephalopoda].

- *columbianae*. Herzer, H. 882.

CYTODONTA [Pelecypoda].

- *dunensis*. Drevermann, F. 795.
 — *crescens*. Herzer, H. 882.

CYTOSPIRA [Gastropoda].

- *attenuata*. Ruedemann, R. 1128.

Cyrstostropha n. gen. [Gastropoda].
Donald, J. 788.

- *ordoviz.* Donald, J. 788.
 — *robusta*. Donald, J. 788.
 — *scitula*. Donald, J. 788.

CYTHEREA [Pelecypoda].

- (?) *sub-aurita*. Etheridge, R., jun. 814.

DAUDEBARDIA [Gastropoda].

- *praeursor*. Andreae, A. 678.

DELPHINULA [Gastropoda].

- *kokeni*. Picard, E. 1086.
 — ? *sturti*. Etheridge, R. jun. 814.

DESMOCCERAS [Cephalopoda].

- *ashlandicum*. Anderson, F. M. 677.
 — *carolensis*. Etheridge, R., jun. 814.
 — *colusaense*. Anderson, F. M. 677.
 — *dilleri*. Anderson, F. M. 677.
 — *lecontei*. Anderson, F. M. 677.
 — *subquadratum*. Anderson, F. M. 677.
 — *voyi*. Anderson, F. M. 677.

DIAPHOROSTOMA [Gastropoda].

- *desmatum*. Clarke, J. M. 755.

DITREMARIA [Gastropoda].

- ? *cretacea*. Etheridge, R., jun. 814.

- Epitornoceras** n. gen. [Cephalopoda].
 Frech, F. 827.
- *irideum*. Frech, F. 827.
- EUCHRYSALIS** [Gastropoda].
- *rectelineata*. Picard, E. 1086.
- FASCIOLARIA** [Gastropoda].
- *glabra*. Ravn, J. P. J. 1104.
- FEDAIELLA** [Gastropoda].
- *magna*. Picard, E. 1086.
- FLEMINGITES** [Cephalopoda].
- *praenuntius*. Frech, F. 826.
- Fontannesia** n. gen. [Cephalopoda].
 Buckman, S. S. 732.
- Fritschia** n. gen. [Gastropoda]. Picard, E. 1086.
- *multicostata*. Picard, E. 1086.
- *paucicostata*. Picard, E. 1086.
- FUSUS** [Gastropoda].
- *anatolicus*. Toulou, F. 1213.
- *fazensis*. Ravn, J. P. J. 1104.
- GERVILLEIA** [Pelecypoda].
- *deeckei*. Frech, F. 828.
- *glaciana*. Frech, F. 828.
- *latobica*. Bittner, A. 711.
- GLYCIMERIS** [Pelecypoda].
- *eyrensis*. Etheridge, R., jun. 814.
- *subadians*. Basedow, H. 691.

- GOMPHOCERAS** [Cephalopoda].
- *bellatulum*. Greene, G. K. 856.
- *facetum*. Greene, G. K. 856.
- *isoteloïdes*. Herzer, H. 882.
- *parallelum*. Herzer, H. 882.
- *striatum*. Greene, G. K. 856.
- GONIOPHORA** [Pelecypoda].
- *cognata*. Drevermann, F. 795.
- *praecedens*. Drevermann, F. 795.
- Goniospira**, n. gen. [Gastropoda].
 Donald, J. 788.
- *filosa*. Donald, J. 788.
- GRAMMYSIA** [Pelecypoda].
- *laevis*. Drevermann, F. 795.
- GYRODES** [Gastropoda].
- *sikiyouensis*. Anderson, F. M. 677.
- GYROPLEURA** [Pelecypoda].
- *telleri*. Redlich, K. A. 1105.
- HALIOTIS** [Gastropoda].
- *lomaensis*. Anderson, F. M. 677.
- HAMITES** [Cephalopoda].
- *armatus*. Anderson, F. M. 677.
- *ellipticus*. Anderson, F. M. 677.
- *phoenizensis*. Anderson, F. M. 677.
- *solanoensis*. Anderson, F. M. 677.

HAMMATOCERAS [Cephalopoda].

- *fasciatum*. Janensch, W. 920.
 ——— *semilunatum*. Janensch, W. 920.
 ——— *speciosum*. Janensch, W. 920.

HELIX [Gastropoda].

- *osculum* var. *bielanensis* n. var. Lomnicki, A. 985.
 ——— *silesiaca*. Andreae, A. 678.

HETEROCERAS [Cephalopoda].

- *ceratopae*. Anderson, F. M. 677.

HEXAMEROCERAS [Cephalopoda].

- *osiliense*. Jaekel, O. 914.

HOMALAXIS [Gastropoda].

- *bifrons* var. *altiuscula* n. var. Marchand, E. 1020.

HOPLITES [Cephalopoda].

- *ambiguus*. Uhlig, V. 1217.
 ——— *austrosilesiacus*. Uhlig, V. 1217.
 ——— *campylotoxus*. Uhlig, V. 1217.
 ——— *hoheneggeri*. Uhlig, V. 1217.
 ——— *hystericoides*. Uhlig, V. 1217.
 ——— *michaelis*. Uhlig, V. 1217.
 ——— *paraplesius*. Uhlig, V. 1217.
 ——— *perisphinctoides*. Uhlig, V. 1217.
 ——— *sciptychus*. Uhlig, V. 1217.
 ——— *teschenensis*. Uhlig, V. 1217.
 ——— *zitteli*. Uhlig, V. 1217.

HYDROBIA [Gastropoda].

- *bockhi*. Lörenthey, E. 983.
 ——— *krambergeri*. Lörenthey, E. 983.

HYOLITHUS.

- *rhine*. Ruedemann, R. 1128.

INOCERAMUS [Pelecypoda].

- *adunca*. Anderson, F. M. 677.
 ——— *klamathensis*. Anderson, F. M. 677.

ISOCARDIA [Pelecypoda].

- *fazensis*. Ravn, J. P. J. 1103.
 ——— ? *tatei*. Etheridge, R., jun. 814.

KEENEIA n. gen. [Gastropoda]. Etheridge, R., jun. 815.

- *platyschismoides*. Etheridge, R., jun. 815.

LANISTES [Gastropoda].

- *antiquus*. Blanckenhorn, M. 712.
 ——— *bartonianus*. Blanckenhorn, M. 712.

LEDOPSIS [Pelecypoda].

- *transverso-elongata*. Maurer, F. 1033.

LEPTODOMUS [Pelecypoda].

- *exilis*. Drevermann, F. 795.

LIMA [Pelecypoda].

- *bisulcata*. Ravn, J. P. J. 1103.

LIMAX [Gastropoda].

- *crassissimus*. Jooss, C. 929.

LIMNOCARDIUM [Pelecypoda].

- *andrusovi*. Lörenthey, E. 983.
 ——— *budapestincense*. Lörenthey, E. 983.
 ——— *fragile*. Lörenthey, E. 983.
 ——— *halavátsi*. Lörenthey, E. 983.
 ——— *minimum*. Lörenthey, E. 983.
 ——— *subdesertum*. Lörenthey, E. 983.

LIMOPTERA [Pelecypoda].

- *longialata*. Drevermann, F. 795.

LINDIGIA [Cephalopoda].

- ? *nodosum*. Anderson, F. M. 677.

LOPHOSPIRA [Gastropoda].

- *borealis*. Donald, J. 788.
— *variabilis*. Donald, J. 788.

LOXONEMA [Gastropoda].

- *columnaris*. Picard, E. 1086.
— *difficile*. Sardeson, F. W. 1138.
— *elongata*. Picard, E. 1086.
— *falcata*. Picard, E. 1086.
— *kokeni*. Picard, E. 1086.
— *rectecostata*. Picard, E. 1086.

- Lucys** n. gen. [Cephalopoda].
Buckman, S. S. 732.

- Ludwigella** n. gen. [Cephalopoda].
Buckman, S. S. 732.

LYTOCERAS [Cephalopoda].

- *angulatum*. Anderson, F. M. 677.
— *alsaticum*. Janensch, W. 920.
— *argonautarum*. Anderson, F. M. 677.
— *jacksonense*. Anderson, F. M. 677.
— *triboleti*. Uhlig, V. 1217.

MACROCHILINA [Gastropoda].

- *onondagaensis*. Clarke, J. V. 753.

MACTRA [Pelecypoda].

- *acutecarinata*. Andrusov, N. 682.
— *gabbiana*. Anderson, F. M. 677.
— *inostranzevi*. Andrusov, N. 682.

MACTRA [Pelecypoda].

- *miserabilis*. Andrusov, N. 682.
— *ososkovi*. Andrusov, N. 682.
— *pisum*. Andrusov, N. 682.
— *subcaspia*. Andrusov, N. 682.

MEGAMBONIA [Pelecypoda].

- *crenistriata*. Clarke, J. M. 755.

MELANOPSIS [Gastropoda].

- *brusinae*. Lörenthey, E. 983.
— *rarisipina*. Lörenthey, E. 983.
— *sinzovi*. Lörenthey, E. 983.

MERETRIX [Pelecypoda].

- *sphericula*. Basedow, H. 691.

MICROMELANIA [Gastropoda].

- ? *cylindrica*. Lörenthey, E. 983.
— *variabilis*. Lörenthey, E. 983.

MODIOLA [Pelecypoda].

- *ensiformis*. Etheridge, R., jun. 814.
— *eyrensis*. Etheridge, R., jun. 814.
— *longaticensis*. Bittner, A. 711.
— *tatei*. Etheridge, R., jun. 814.

MODIOMORPHA [Pelecypoda].

- *speciosa*. Drevermann, F. 795.

MORTONICERAS [Cephalopoda].

- *crenulatum*. Anderson, F. M. 697.

MURCHISONIA [Gastropoda].

- *dudleyensis*. Donald, J. 788.

MYALIKIA [Pelecypoda].

- *? abstemia*. Sardeson, F. W. 1138.
 ——— *copei*. Whitfield, R. P. 1259.
 ——— *obrotundata*. Maurer, F. 1033.
 ——— *taurica*. Maurer, F. 1033.

MYTILUS [Pelecypoda].

- *primulafontensis*. Etheridge, R., jun. 814.

NASSA [Gastropoda].

- *? supracretacea*. Ravn, J. P. J. 1104.

NATHORSTELLA n. gen. [Pelecypoda].
Kayser, E. 934.

- *semiplicata*. Kayser, E. 934.

NATICELLA [Gastropoda].

- *bergeri*. Picard, E. 1086.
 ——— *tenuicosta*. Picard, E. 1086.

NATROPSIS [Gastropoda].

- *dubia*. Greene, G. K. 858.

NAUTILUS [Cephalopoda].

- *caroli ameghinoi*. Ihering, H. von. 910.
 ——— *gabbi*. Anderson, F. M. 677.

NEONOCARAMUS n. gen. [Pelecypoda].
Ihering, H. von. 910.

- *ameghinoi*. Ihering, H. von. 910.

NERINEA [Gastropoda].

- *astrachanica*. Rehbinder, B. 1110.

NERITARIA [Gastropoda].

- *depressa*. Picard, E. 1086.
 ——— *magna*. Picard, E. 1086.
 ——— *prior*. Picard, E. 1086.
 ——— *sphaeroidica*. Picard, E. 1086.

OLCOSTEPHANUS [Cephalopoda].

- *clementianus*. Bogoslovskij, N. A. 715.
 ——— *expansus*. Bogoslovskij, N. A. 715.
 ——— *lejanus*. Bogoslovskij, N. A. 715.
 ——— *michalakii*. Bogoslovskij, N. A. 715.
 ——— *mokschenis*. Bogoslovskij, N. A. 715.
 ——— *neritzensis*. Bogoslovskij, N. A. 715.
 ——— *petschorensis*. Bogoslovskij, N. A. 715.
 ——— *rectangulatus*. Bogoslovskij, N. A. 715.
 ——— *ribkinianus*. Bogoslovskij, N. A. 715.
 ——— *simplex*. Bogoslovskij, N. A. 715.
 ——— *subtsikvinianus*. Bogoslovskij, N. A. 715.

OSTREA [Pelecypoda].

- *lipoldi*. Bittner, A. 711.
 ——— *reflexa*. Ravn, J. P. J. 1103.

OXYNOTICERAS [Cephalopoda].

- *pseudograssianum*. Uhlig, V. 1217.

OXYTOMA [Pelecypoda].

- *inaequivalve* var. *cenomanica*. Redlich, K. A. 1105.

PACHYDISCUS [Cephalopoda].

- *henleyensis*. Anderson, F. M. 677.
 ——— *merriami*. Anderson, F. M. 677.
 ——— *sacramenticus*. Anderson, F. M. 677.

PALAEOMUTELA ? [Pelecypoda].

- *vetusta*. Kayser, E. 934.

PALAEOSCHISMA n. gen. [Gastropoda].
Donald, J. 788.

- *girvanense*. Donald, J. 788.

PAPYROTHERA [Gastropoda].

- *gracilis*. Lörenthey, E. 983.

PECTEN [Pelecypoda].

- *fenestratus*. Ravn, J. P. J. 1103.

PECTUNCULUS [Pelecypoda].

- *pacificus*. Anderson, F. M. 677.
 ——— *sublenticularis*. Ravn, J. P. J. 1103.

PHOLADOMYA [Pelecypoda].

- *anaëna*. Anderson, F. M. 677.
 ——— *ebaensis*. Etheridge, R., jun. 814.
 ——— *terrareginae*. Etheridge, R., jun. 818.

PHYLLOCERAS [Cephalopoda].

- *shastalensc.* Anderson, F. M. 677.

PINNA [Pelecypoda].

- *lala*. Beede, J. W. 702.

PIBONAEA [Pelecypoda].

- *slavonica*. Hilber, V. 883.

PLACENTICERAS [Cephalopoda].

- *californicum*. Anderson, F. M. 677.

PLANORBIS [Gastropoda].

- *fuchsi*. Lörenthey, E. 983.
 ——— *porcellanea*. Lörenthey, E. 983.
 ——— *solenoides*. Lörenthey, E. 983.

PLATYCERAS [Gastropoda].

- *circularis*. Greene, G. K. 856.

PLEUROPHORUS [Pelecypoda].

- *whitei*. Beede, J. W. 702.

PLEUROTOMA [Gastropoda].

- *cerithiorum*. Ravn, J. P. J. 1104.
 ——— *ernesti*. Toula, F. 1213.
 ——— *farensis*. Ravn, J. P. J. 1104.
 ——— *francisci*. Toula, F. 1213.
 ——— *rudolphi*. Toula, F. 1213.
 ——— *steenstrupii*. Ravn, J. P. J. 1104.
 ——— *theodori*. Toula, F. 1213.

POMATIAS [Gastropoda].

- *polonica*. Łomnicki, A. 985.

POTAMIDES [Gastropoda].

- *caspicus*. Andrusov, N. 682.

PRIONOTROPIS [Cephalopoda].

- *branneri*. Anderson, F. M. 677.

PROSOSTHENIA [Gastropoda].

- *sitelli*. Lörenthey, E. 983.

PROTAMUSIUM ? [Pelecypoda].

- *gradatum*. Etheridge, R., jun. 814.

PROTOCARDIUM [Pelecypoda].

- *vallonense*. Redlich, K. A. 1105.

PROTORCULA [Gastropoda].

- *rissoptrix*. Picard, E. 1086.
 ——— *punctata*. Picard, E. 1086.

PSEUDOMONOTIS [Pelecypoda].

- *illyrica*. Bittner, A. 711.

Pteraulima n. gen. [Gastropoda].

- Casey, T. L. 744.

- *elegans*. Casey, T. L. 744.

PTERIA [Pelecypoda].

- *tatei*. Etheridge, R., jun. 814.

PYRINIA [Pelecypoda].

—— *leptodesma*. Drevermann, F. 795.

—— *subrectangularis*. Drevermann, F. 795.

PYRINOPECTEN [Pelecypoda].

—— *proteus*. Clarke, J. M. 755.

—— *pumilus*. Clarke, J. M. 755.

—— *signatus*. Clarke, J. M. 755.

PYTHOCERAS [Cephalopoda].

—— *teschenense*. Uhlig, V. 1217.

PYRAMIDULA [Gastropoda].

—— *lecontei*. Stearns, R. E. C. 1194.

RAPHISTOMA [Gastropoda].

—— (?) *bröggeri*. Grönwall, K. A. 859.

RILABDOCONCHA [Gastropoda].

—— *fritschii*. Picard, E. 1086.

RHACOPHYLLITES [Cephalopoda].

—— *bucovinicus*. Uhlig, V. 1217.

SCALARIA [Gastropoda].

—— *elegans*. Ravn, J. P. J. 1104.

SCAPHITES [Cephalopoda].

—— *condoni*. Anderson, F. M. 677.

—— *condoni* var. *appressus*. Anderson, F. M. 677.

—— *eruciformis*. Etheridge, R. jun. 814.

—— *gillisi*. Anderson, F. M. 677.

—— *inermis*. Anderson, F. M. 677.

—— *klamathensis*. Anderson, F. M. 677.

—— *perrini*. Anderson, F. M. 677.

—— *roguensis*. Anderson, F. M. 677.

SCHLOENBACHIA [Cephalopoda].

—— *bakeri*. Anderson, F. M. 677.

—— *bultensis*. Anderson, F. M. 677.

—— *gabbi*. Anderson, F. M. 677.

—— *knighteni*. Anderson, F. M. 677.

—— *multicosta*. Anderson, F. M. 677.

—— *oregonensis*. Anderson, F. M. 677.

—— *siskiyouensis*. Anderson, F. M. 677.

SCHLÜTERIA [Cephalopoda].

—— *diabloënsis*. Anderson, F. M. 677.

SOLARIUM [Gastropoda].

—— *selandicum*. Ravn, J. P. J. 1104.

SONNERATIA [Cephalopoda].

—— *stantoni*. Anderson, F. M. 677.

SPONDYLUS [Pelecypoda].

—— *danicus*. Ravn, J. P. J. 1103.

STRAPAROLLIS [Gastropoda]. Etheridge, R. jun. 815.

—— *ammonitiformis*. Etheridge, R. jun. 815.

STROPHOSTYLUS [Gastropoda].

—— *amplus*. Greene, G. K. 856.

TECHNOPHORUS [Pelecypoda].

—— *cancellatus*. Ruedemann, R. 1127.

Tectospira n. gen. [Gastropoda]. Picard, E. 1086.

—— *chopi*. Picard, E. 1086.

TEMNOTROPIS [Gastropoda].

—— *credneri*. Picard, E. 1086.

—— *parva*. Picard, E. 1086.

- TENTACULITES ? *acus*. Clarke, J. M. 755.
- TEREDO [Pelecypoda].
 ——— *vastitas*. Etheridge, R., jun. 818.
- THORACOCERAS [Cephalopoda].
 ——— *wilsoni*. Clarke, J. M. 753.
- TORNOCERAS [Cephalopoda].
 ——— *bertrandi*. French, F. 827.
- TRIGONIA [Pelecypoda].
 ——— *cinctata*. Etheridge, H., jun. 814.
- TRITONIUM [Gastropoda].
 ——— *biplicatum*. Ravn, J. P. J. 1104.
 ——— *fenestratum*. Ravn, J. P. J. 1104.
 ——— *subglabrum*. Ravn, J. P. J. 1104.
- TRYPANOSTYLUS [Gastropoda].
 ——— *cylindricus*. Picard, E. 1086.
- TUDORA [Gastropoda].
 ——— *bielanensis*. Żomnicki, A. 985.
- TURRITELLA [Gastropoda].
 ——— *baskuntschakensis*. Reh-binder, B. 1110.
 ——— *koeneni*. Picard, E. 1086.
 ——— *liscaviensis*. Picard, E. 1086.
 ——— ? *oolithica*. Picard, E. 1086.
 ——— *striata*. Picard, E. 1086.
- TURRITOMA [Gastropoda].
 ——— *pinguis*. Donald, J. 788.
 ——— *polita*. Donald, J. 788.
- TYLOSTOMA [Gastropoda].
 ——— *ampullariaeforme*. Ravn, J. P. J. 1104.

- UNDULARIA [Gastropoda].
 ——— *concaea*. Picard, E. 1086.
 ——— *duz*. Picard, E. 1086.
 ——— *tenuicarinata*. Picard, E. 1086.
- UNIO [Pelecypoda].
 ——— *vásárhelyii*. Lörenthey, E. 983.
- VALVATA [Gastropoda].
 ——— *subgradata*. Lörenthey, E. 983.
 ——— *varians*. Lörenthey, E. 983.
- VANIKOROPSIS ? [Gastropoda].
 ——— *stuarti*. Etheridge, R. jun., 814.
- VOLUTA [Gastropoda].
 ——— *fazensis*. Ravn, J. P. J. 1104.
- VOLUTOMITRA [Gastropoda].
 ——— *quinqueplicata*. Ravn, J. P. J. 1104.
- WORTHENIA [Gastropoda].
 ——— *elator*. Picard, E. 1086.
 ——— *fritschi*. Picard, E. 1086.
 ——— *laevis*. Picard, E. 1086.
- 2431 ARTHROPODA, INCLUDING INSECTA.**
- ELATER [Coleoptera].
 ——— *uiskniourskii*. Żomnicki, J. L. M. 987.
- LAMPRA [Coleoptera].
 ——— *gautieri*. Bruyant. 731.

2631 CRUSTACEA.

BETRICHIA [Ostracoda].

- *angelini* var. *armata*. Grün-
wall, K. A. 859.

BOLLIA [Ostracoda].

- *cornucopias*. Ruedemann,
R. 1128.

BITHOCTPRIS [Ostracoda].

- *parilis*. Ulrich, E. O.
1220.
——— *subaequata*. Ulrich, E. O.
1220.

CALLIANASSA [Decapoda].

- *conradi*. Pilsbry, H. A.
1087.
——— *mortoni*. Pilsbry, H. A.
1087.

CTENOBOLBINA [Cirripedia].

- *ciliata* var. *cornuta*. Ruede-
mann, R. 1127.
——— *subrotunda*. Ruedemann, R.
1127.

CYTHERE [Ostracoda].

- *marylandica*. Ulrich, E. O.
1220.

CYTHEREIS [Ostracoda].

- *bassleri*. Ulrich, E. O.
1220.

CYTHERELLA [Ostracoda].

- *marlboroensis*. Ulrich, E. O.
1220.
——— *submarginata*. Ulrich, E. O.
1220.

CYTHERIDEA [Ostracoda].

- *perarcuata*. Ulrich, E. O.
1220.

ECHINOCARIS [Phyllocarida].

- *sloliensis*. Partridge, E. M.
1079.

EURYCHILINA [Ostracoda].

- *bulbifera*. Ruedemann, R.
1128.
——— *dianthus*. Ruedemann, R.
1128.
——— *obliqua*. Ruedemann, R.
1128.
——— *solida*. Ruedemann, R.
1128.

HOPLOPARIA [Decapoda].

- *gabbi*. Pilsbry, H. A.
1087.

LEPERDITIA [Ostracoda].

- *resplendens*. Ruedemann, R.
1128.
——— *ulrichi*. Ruedemann, R.
1128.

MACRONOTELLA [Ostracoda].

- *fragaria*. Ruedemann, R.
1128.

POLLICIPES [Cirripedia].

- *siluricus*. Ruedemann, R.
1127.

Polyphyma n. gen. [Ostracoda].

Groom, T. 863.

TURBILEPAS ? [Cirripedia].

- *filosus*. Ruedemann, R.
1127.

2631 XIPHOSURA, EURIPTERIDA,
TRILOBITA.

Acanthopleurella n. gen. [Trilobita].

Groom, T. T. 862.

- *grindrodi*. Groom, T. T.
862.

ACIDAPSIS [Trilobita].

- *obsoleta*. Van Ingen, G.
1222.

AGNOSTUS [Trilobita].

- *altus*. Grönwall, K. A. 859.
 ——— *cicer* var. *forfez*. Grönwall, K. A. 859.
 ——— *exaratus*. Grönwall, K. A. 859.
 ——— *fissus* var. *perrugata*. Grönwall, K. A. 859.
 ——— *glandiformis* var. *resecta*. Grönwall, K. A. 859.
 ——— *insularis*. Grönwall, K. A. 859.
 ——— *lens* var. *frontosa* n. sp. et var. Grönwall, K. A. 859.
 ——— *lingula*. Grönwall, K. A. 859.
 ——— *lundgreni* var. *nana*. Grönwall, K. A. 859.
 ——— *rotundus*. Grönwall, K. A. 859.
 ——— *stenorrhachis*. Grönwall, K. A. 859.

AGRAULOS [Trilobita].

- *depressus*. Grönwall, K. A. 859.

AMPYX [Trilobita].

- *hastatus*. Ruedemann, R. 1128.
 ——— *niagarensis*. Van Ingen, G. 1222.

ANOMOCARE [Trilobita].

- *angelini*. Grönwall, K. A. 859.

ARGES [Trilobita].

- *arkansanus*. Van Ingen, G. 1222

CALYMENE [Trilobita].

- *altirostris*. Van Ingen, G. 1222.

CERATOCEPHALA [Trilobita].

- *coalescens*. Van Ingen, G. 1222.
 ——— *nodulata*. Van Ingen, G. 1222.

CONOCOBTYPHE [Trilobita].

- *linnarssoni*. Grönwall, K. A. 859.
 ——— *teres*. Grönwall, K. A. 859.
 ——— *tumida*. Grönwall, K. A. 859.

CORDANIA [Trilobita].

- *becraftensis*. Clarke, J. M. 755.
 ——— *hudsonica*. Clarke, J. M. 755.

CORYNECOCHUS [Trilobita].

- *bornholmensis*. Grönwall, K. A. 859.

CYCLUS [Xiphosura].

- *communis*. Rogers, A. F. 1123.
 ——— *limbatus*. Rogers, A. F. 1123.
 ——— *minutus*. Rogers, A. F. 1123.
 ——— *packardi*. Rogers, A. F. 1123.
 ——— *permarginatus*. Rogers, A. F. 1123.

CYPHASPIS [Trilobita].

- *arkansanus*. Van Ingen, G. 1222.
 ——— *hudsonica*. Ruedemann, R. 1128.
 ——— *matutina*. Ruedemann, R. 1128.
 ——— *spinulocervix*. Van Ingen, G. 1222.

DALMANITES [Trilobita].

- *bisignatus*. Clarke, J. M. 755.
 ——— *stemmaus*. Clarke, J. M. 755.
 ——— (*Synphoria*) *stemmaus* var. *convergens*. Clarke, J. M. 755.

PORTPYGE [Trilobita].

——— *danica*. Grönwall, K. A. 859.

——— *oriens*. Grönwall, K. A. 859.

LIOCEPHALUS n. subgen. of *Conocoryphe* [Trilobita]. Grönwall, K. A. 859.

HOMALONOTUS [Trilobita].

——— *striatus*. Maurer, L. 1083.

LLOSTRACUS [Trilobita].

——— *globiceps*. Grönwall, K. A. 859.

——— *platyrrhinus*. Grönwall, K. A. 859.

ODONTOPLEURA [Trilobita].

——— *arkunsana*. Van Ingen, G. 1222.

PARADOXIDES [Trilobita].

——— *sjögreni* var. *nepos*. Grönwall, K. A. 859.

PHACOPS [Trilobita].

——— *correlator*. Clarke, J. M. 755.

PRESTWICHIA [Xiphosura].

——— *randalli*. Beecher, C. E. 698.

PROETUS [Trilobita].

——— *corrugatus*. Van Ingen, G. 1222.

——— *subannulatus*. Van Ingen, G. 1222.

PTYCHOPARIA [Trilobita].

——— *johnstrupi*. Grönwall, K. A. 859.

REMOPLEURIDES [Trilobita].

——— *linguatus*. Ruedemann, R. 1128.

——— *tumidus*. Ruedemann, R. 1128.

SCHUMARDIA [Trilobita].

——— *miqueli*. Pompeckj, J. F. 1090.

SOLENOPLEURA [Trilobita].

——— *bucculenta*. Grönwall, K. A. 859.

SPHAEROOORYPHE [Trilobita].

——— *major*. Ruedemann, R. 1128.

TRETASPIS [Trilobita].

——— *diademata*. Ruedemann, R. 1128.

——— *reticulatus*. Ruedemann, R. 1128.

3431 MYRIOPODA.

JULUS [Diplopoda].

——— *suevicus*. Dietlen, R. 786.

5431 PISCES.

ACANTHODES [Acanthodii].

——— *becheri*. Eastman, C. R. 804.

——— *marshi*. Eastman, C. R. 804.

ALBURNUS [Actinopterygii].

——— *steindachneri*. Laube, G. C. 969.

ATHERSTONIA [Actinopterygii].

——— *australis*. Woodward, A. S. 1293.

BERYCOPSIS *major* [Actinopterygii]. Woodward, A. S. 1291.

CHONDROSTOMA [Actinopterygii].

——— *laticauda*. Laube, G. C. 970.

CLADODUS [Ichthyotomi].

——— *formosus*. Hay, O. P. 880.

COELACANTHUS [Crossopterygii].

——— *hindi*. Wellburn, E. D. 1250.

CTENACANTHUS [Ichthyodorulites].

- *decussatus*. Eastman, C. R. 804.
 — *longinodosus*. Eastman, C. R. 804.
 — *lucasi*. Eastman, C. R. 804.
 — *solidus*. Eastman, C. R. 804.
 — *venustus*. Eastman, C. R. 804.

CTENOLATES [Actinopterygii].

- *avus*. Woodward, A. S. 1293.

ERISMACANTHUS [Ichthyodorulites].

- *formosus*. Eastman, C. R. 803.

ESOX [Actinopterygii].

- *destructus*. Laube, G. C. 970.

GOBIO [Actinopterygii].

- *major*. Laube, G. C. 970.
 — *vicinus*. Laube, G. C. 970.

HOMONOTUS *rotundus* [Actinopterygii].
Woodward, A. S. 1291.HOPIOPTERYX *simus* [Actinopterygii].
Woodward, A. S. 1291.

LEPIDOCOTTUS [Actinopterygii].

- *gracilis*. Laube, G. C. 970.

LEPIDOSTEUS [Actinopterygii].

- *bohemicus*. Laube, G. C. 970.

LEUCISCUS [Actinopterygii].

- *fritschii*. Laube, G. C. 970.
 — *vezillifer*. Laube, G. C. 969.

Marsdenius n. gen [Acanthodii]. Wellburn, E. D. 1249.

- *acuta*. Wellburn, E. D. 1249.
 — *summiti*. Wellburn, E. D. 1249.

MEGALURUS [Actinopterygii].

- *maursoni*. Woodward, A. S. 1286.

NEMACHILUS [Actinopterygii].

- *tener*. Laube, G. C. 970.

OTOLITHUS.

- *cirrhosoides*. Schubert, R. J. 1158.
 — *compactus*. Schubert, R. J. 1158.
 — *corii*. Schubert, R. J. 1158.
 — *depressus*. Schubert, R. J. 1158.
 — *dubius*. Schubert, R. J. 1158.
 — *excisus*. Schubert, R. J. 1158.
 — *fuchsi*. Schubert, R. J. 1158.
 — *gemmoides*. Schubert, R. J. 1158.
 — *gracilis*. Schubert, R. J. 1158.
 — *kittli*. Schubert, R. J. 1158.
 — *kokeni*. Schubert, R. J. 1158.
 — *levis*. Schubert, R. J. 1158.
 — *plenus*. Schubert, R. J. 1158.
 — *subcirrhosus*. Schubert, R. J. 1158.
 — *subgemma*. Schubert, R. J. 1158.
 — *subsimilis*. Schubert, R. J. 1158.
 — *telleri*. Schubert, R. J. 1158.

PHYLLodus [Actinopterygii].

- *hipparionyx*. Eastman, C. R. 806.

PROLEBIAS [Actinopterygii].

- *egeranus*. Laube, G. C. 970.
 — *pulchellus*. Laube, G. C. 970.

- Protothymallus** n. gen. [Actinopterygii].
Laube, G. C. 970.
- *princeps*. Laube, G. C. 970.
- Pycnodon** [Actinopterygii].
- *munieri*. Priem, F. 1101.
- *savini*. Priem, F. 1101.
- Salmo** [Actinopterygii].
- *teplitiensis*. Laube, G. C. 970.
- Sardinioides** [Actinopterygii].
- *illustrans*. Woodward, A. S. 1291.
- Selenosteus** n. gen. [Arthrodira].
Dean, B. 772.
- *kepleri*. Dean, B. 772.
- Stenosteus** n. gen. [Arthrodira].
Dean, B. 772.
- *glaber*. Dean, B. 772.
- Stenobodus** [Selachii].
- *clarkii*. Eastman, C. R. 806.
- Thacmaturus** [Actinopterygii].
- *deichmülleri*. Laube, G. C. 970.
- Tinca** [Actinopterygii].
- *lignitica*. Laube, G. C. 970.
- *macropterygia*. Laube, G. C. 970.
- *obtruncata*. Laube, G. C. 969.
- Trachichthyoides** n. gen. [Actinopterygii].
Woodward, A. S. 1291.
- *ornatus*. Woodward, A. S. 1291.
- 5631 REPTILIA AND BATRACHIA.**
- Anomosauros** n. gen. [Anomodontia].
Huene, F. von. 907.

- CHELYDRA** [Chelonia]
- *argillarum*. Laube, G. C. 969.
- Chelysodon** n. gen. [Chelonia]. Huene, F. von. 907.
- *blezingeri*. Huene, F. von. 907.
- *latum*. Huene, F. von. 907.
- Oruosauros** n. gen. [Anomodontia].
Huene, F. von. 907.
- *problematicus*. Huene, F. von. 907.
- Otenosauros** n. gen. [Anomodontia].
Huene, F. von. 907.
- *koeneni*. Huene, F. von. 907.
- Dolichorhynchops** [Sauropterygia].
- *osborni*. Williston, S. W. 1271.
- Dollovertebra** n. gen. [Sauropterygia].
Huene, F. von. 907.
- *fritschii*. Huene, F. von. 907.
- Elosaurus** n. gen. [Dinosauria].
Peterson, O. A. and Gilmore, C. W. 1084.
- *parva*. Peterson, O. A. and Gilmore, C. W. 1084.
- Euryocervix** n. gen. [Stegocephalia].
Huene, F. von. 907.
- *postumus*. Huene, F. von. 907.
- MEGALOSAURUS** [Dinosauria].
- *hungaricus*. Nopcsa, F. 1055.
- Pectenosauros** n. gen. [Crocodilia].
Huene, F. von. 907.
- *strunzi*. Huene, F. von. 907.
- Placochelys** n. gen. [Anomodontia].
Jaekel, O. A. 917.
- *placodontia*. Jaekel, O. 917.

PLESIOSAURUS [Sauropterygia].
 ——— *priscus*. Heune, F. von.
 907.

PROCEROSAURUS n. gen. [Crocodylia].
 Huene, F. von. 907.
 ——— *cruralis*. Huene, F. von.
 907.

RHAMPHORHYNCHUS [Ornithosauria].
 ——— *longiceps*. Woodward, A. S.
 1285.

RILEYA n. gen. [Crocodylia]. Huene, F.
 von. 907.
 ——— *bristolensis*. Huene, F. von.
 907.

STEGOSAURUS [Dinosauria].
 ——— *marshi*. Lucas, F. A. 905.

TESTUDO [Chelonia].
 ——— *atacosae*. Hay, O. P. 878.

TRIONYX [Chelonia].
 ——— *aspidiformis*. Laube, G. C.
 969.
 ——— *preschenensis*. Laube, G. C.
 969.

TROCHANTERIUM n. gen. [Stegocephalia].
 Huene, F. von. 907.
 ——— *gaudryi*. Huene, F. von.
 907.

5631 AVES.

TOTANUS [Charadriiformes].
 ——— *praecursor*. Laube, G. C.
 970.

6031 MAMMALIA.

AMPHICYON [Carnivora].
 ——— *praecursor*. Schlosser, M.
 1151.
 ——— *sinapius*. Matthew, W. D.
 1029.

BRONTOTHERIUM [Ungulata].
 ——— *leidy*. Osborn, H. F. 1071.

CAPROMERYX n. gen. [Ungulata].
 Matthew, W. D. 1032.
 ——— *furcifer*. Matthew, W. D.
 1032.

CASTOR [Rodentia].
 ——— *neglectus*. Schlosser, M.
 1151.

CERATOGANULUS n. gen. [Rodentia].
 Matthew, W. D. 1030.
 ——— *rhinocerus*. Matthew, W. D.
 1030.

CERVUS [Ungulata].
 ——— *suericus*. Schlosser, M.
 1151.

CRYPTOPITHECUS [Primates].
 ——— *macrogathus*. Wittich, E.
 1276.

CYANARCTUS n. gen. [Carnivora].
 Matthew, W. D. 1029.
 ——— *saxatilis*. Matthew, W. D.
 1029.

CYNODICTIS [Carnivora].
 ——— *pygmaeus*. Schlosser, M.
 1151.

DICERATHERIUM [Ungulata].
 ——— *zitteli*. Schlosser, M. 1151.

DINOCTON [Carnivora].
 ——— *gidleyi*. Matthew, W. D.
 1026.

DIPOIDES [Rodentia].
 ——— *problematicus*. Schlosser, M.
 1151.

ENHYDRICTIS n. gen. [Carnivora].
 ——— *galietoides*. Major, C. I. F.
 1010.

EOSIREN n. gen. [Sirenia]. Andrews,
 C. W. 679.

GEOCCUS [Ungulata].
 ——— *laubei*. Schlosser, M. 1152.

LEPUS [Rodentia].

—— *primaevus*. Schlosser, M. 1151.

LIMNOCTON [Carnivora].

—— *medius*. Wortman, J. L. 1296.

MEGACEROPS [Ungulata].

—— *bicornutus*. Osborn, H. F. 1071.

—— *brachycephalus*. Osborn, H. F. 1071.

—— *marshi*. Osborn, H. F. 1071.

Miomys n. gen. [Rodentia]. Major, C. I. F. 1011.

MOERITHERIUM.

—— *gracile*. Andrews, C. W. 679.

MUSTELA (?) [Carnivora]

—— *jägeri*. Schlosser, M. 1151.

MYLAGAULUS [Rodentia].

—— *lucis*. Matthew, W. D. 1030.

—— *paniensis*. Matthew, W. D. 1030.

MYLAGAULUS [Rodentia].

—— *zitteli*. Wittich, E. 1277.

PACHYCTYNODON [Carnivora].

—— *neglectus*. Schlosser, M. 1151.

PALAEOMERYX (?) [Ungulata].

—— *annectens*. Schlosser, M. 1152.

PARACTYNODON [Carnivora].

—— *musteloides*. Schlosser, M. 1151.

—— *wortmani*. Schlosser, M. 1151.

Paragelocus n. gen. [Ungulata]. Schlosser, M. 1151.

—— *suevicus*. Schlosser, M. 1151.

—— *scotti*. Schlosser, M. 1151.

PROMEPHITIS [Carnivora].

—— *gaudryi*. Schlosser, M. 1151.

Pseudogelocus n. gen. [Ungulata]. Schlosser, M. 1151.

RHINOCEROS [Ungulata].

—— n. sp. Yoshiwara, S. and Iwasaki, J. 1304.

SINOFA [Carnivora].

—— *major*. Wortman, J. L. 1296.

—— *minor*. Wortman, J. L. 1296.

STENOPLESICTIS (?) [Carnivora].

—— *grimmi*. Schlosser, M. 1151.

URSAVUS [Carnivora].

—— *depereti*. Schlosser, M. 1151.

VULPES [Carnivora].

—— *latidentatus*. Cope, E. D. 758.

PALAEOBOTANY.

A. STRATIGRAPHICAL CLASSIFICATION.

35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

35.5000 GENERAL PALAEOBOTANY.

Das Pflanzenreich. Regni vegetabilis conspectus. Im Auftrage der königl. preuss. Akademie der Wissenschaften hrsg. v. A[dolf] Engler. H. 4—11. Leipzig (W. Engelmann), 1901–1902, (122 + 18 + 8 + 100 + 21 + 89 + 437 + 36 + 184, mit 2 Karten). 26 cm. [M 5000].

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d EUROPE.

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dk Austria-Hungary.

Beck von Mannagetta, Günther, Ritter. Die Vegetationsverhältnisse der

illyrischen Länder, begreifend Südkroatien, die Quarnero-Inseln, Dalmatien, Bosnien und die Hercegovina, Montenegro, Nordalbanien, den Sandžak Novipazar und Serbien. [= Die Vegetation der Erde hrag. v. A. Engler u. O. Drude. IV.] Leipzig (W. Engelmann), 1901, (XV + 534, mit 6 Taf. u. 2 Kart.). 25 cm. 20 M. [5000 *dk dl* M 8000 *dk dl* J 01 *dk dl* M 3200 *dk dl*].

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dl Balkan Peninsula.

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ie New South Wales.

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45 PALAEOZOIC.

45.5000 GENERAL PALAEOBOTANY.

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45.7900 PLANTS OF UNASCERTAINED POSITION.

ci Asiatic Turkey.

Fuchs, Theodor. Über einige Hieroglyphen und Fucoiden aus den paläozoischen Schichten von Hadjin in Kleinasien. Wien, SitzBer. Ak. Wiss., 111, Abt. I, 1902, (327-333). [45.0131 ci].

50 LOWER PALAEOZOIC.

50.7400 ALGAE AND SCHIZOPHYCEAE.

da Scandinavia.

Klar, Johan. Group 5 in Asker near Kristiania. (Norw.) Norges geol. Und., Kristiania, 34, 1902, (94); English summary, (17). [50.2631 2231 2031 1031 0631 da H 50].

gg North Eastern United States.

White, David. Two new species of Algae of the genus *Buthotrephis*, from the Upper Silurian of Indiana. Washington, D.C., Smithsonian Inst., Nation. Mus., Proc., 24, 1901, (265-270, with 3 pl.). Separate. 24.5 cm.

— A new name for *Buthotrephis divaricata*. D. W. Washington, D.C., Proc. Biol. Soc., 15, 1902, (86).

Whitfield, R. P. Notice of a new genus of marine Algae, fossil in the Niagara Shale. New York, N.Y., Bull. Amer. Mus. Nat. Hist., 16, 1902, (399-400, with pl.). Author's ed. 24 cm.

55 UPPER PALAEOZOIC.

55.5000 GENERAL PALAEOBOTANY.

Potoné, H[enry]. Die Art der Untersuchung von Carbon-Bohrkernen auf Pflanzenreste. Nach e. Vortrag. . . . Natw. Wochenschr., Jena, 17, 1902, (265-270). [M 0060].

Renault, B. Sur quelques pollens fossiles. Prothalles mâles. Tubes polliniques, etc. du terrain houiller. Paris, C.-R. Acad. sci., 135, 1902, (350-353, av. fig.). [M 2240 2260 2340].

de German Empire.

Sternel, J. T. Die Flora des Rothliegenden von Ilfeld am Harz. Centralbl. Min., Stuttgart, 1901, (417-427). [H 55 M 6700 8000 de].

— Weitere Beiträge zur Revision der Rothliegendflora der Gegend von Ilfeld am Harz. Centralbl. Min., Stuttgart, 1901, (590-598). [55.6700 de. H 55 de M 6700 8000 de].

ef British India.

Zeller, R. Observations sur quelques plantes fossiles des Lower Gondwanas. Pal. Ind., Calcutta, (N. Ser.), 2, 1902, (1-40, with 7 pls.). [55.6500 6700 7900 ef].

gg North Eastern United States.

Knowlton, F[rank] H[all]. Six new species. [Criticism of "Six new species including two new genera of fossil plants," by H. Herzer]. Science, New York, N.Y., (N. Ser.), 16, 1902, (273-274).

gi Western United States.

Sellards, E. H. Permian Plants. *Taeniopteris* of the Permian of Kansas. Lawrence, Kan. Univ. Q., 10, 1901, (1-12, with pl.). [55.6700 gi].

55.6500 GYMNOSPERMS.

db Russia in Europe.

Inostrancev, A. A. Ueber die neuen Auffindungen der Pflanzenresten in devonischen Ablagerungen des Districts Luga, Gouv. St. Petersburg. (Russ.) St. Petersburg, Trav. soc. nat., XXXII, 1, 1902, (305).

ea Asiatic Russia.

Zeller, R. Nouvelles observations sur la flore fossile du bassin de Kousnetz (Sibérie). Paris, C.-R. Acad. sci., **134**, 1902, (887-891). [55.6700 *ea* M 6500 6700 *ea*].

**55.6700 VASCULAR CRYPTO-
GAMS.**

Arber, F. A. N. . . . Binney Collection . . . The type-specimens of *Lyginodendron oldhamium* (Binney). Cambridge, Proc. Phil. Soc., **11**, pt. 4, 1902, (281-285, figs.).

— Distribution of the *Glossopteris* flora. Geol. Mag. London, (Ser. 2), [4], 9, 1902, (346-349).

Kidston, R. The flora of the Carboniferous period. Yorks. Proc. Geol. Polyt. Soc., **14**, pt. 3, 1902, (344-400, with pls., figs.).

Renault, B. Sur une parkériée fossile. Paris, C.-R. Acad. sci., **134**, 1902, (618-621, av. fig.). [M 6700].

— Sur quelques nouveaux infusoires fossiles. Paris, C.-R. Acad. sci., **135**, 1902, (1064-1066).

Ryba, Fr[anz]. Über einen Calamarien-Fruchtstand aus dem Stiletzter Steinkohlenbecken. Prag, SitzBer. Böhm. Ges. Wiss., **1901**, 1902, No. VII, (4, mit 1 Taf.). [M 6700].

Scott, D. H. On a primitive type of structure in *Calamites*. Geol. Mag., London, (Ser. 2), [4], 9, 1902, (73, 74).

Weiss, F. E. On *Xenophyton radiculosum* (Hick) and on a Stigmarian rootlet probably related to *Lepidophloios fuliginosus* (Williamson). Manchester, Mem. Lit. Phil. Soc., **46**, pt. 3, 1902, (1-19, with 3 pls.); Manchester Museum Handbooks, **37**, 1902, (1-19, with 3 pls.).

db Russia in Europe.

Zalésakij, M. Sur quelques sigillaires recueillies dans le terrain houiller du Donetz. (Russ.) St. Petersburg, Mém. (Oin. géolog., **XVII**, **3**, 1902, (1-15); Rés fr., (16-20, av. 4 pls.).

ea Asiatic Russia.

Zeller, R. Nouvelles observations sur la flore fossile du bassin de Kousnetz (Sibérie). Paris, C.-R. Acad. sci., **134**, 1902, (887-891). [55.6500 *ea* M 6500 6700 *ea*].

99 North Eastern United States.

Harzer, H. New fossil plants from the Carboniferous and Devonian. Columbus, Rep. Ohio Acad. Sci., **1901**, 1902, (40-45, with pl.). [55.7400].

Sellards, E. H. On the fertile fronds of *Crossothea* and *Myriotheca*, and on the spores of other Carboniferous ferns from Mazon Creek, Illinois. Amer. J. Sci., New Haven, Conn., (Ser. 4), **14**, 1902, (195-202, with 1 pl.). [M 1650 6700 8000 *gg*].

— On the validity of *Idiophyllum rotundifolium* Leequereux, a fossil plant from the Coal Measures at Mazon Creek, Illinois. Amer. J. Sci., New Haven, Conn., (Ser. 4), **14**, 1902, (203-204). [M 6700 8000].

gi Western United States.

Sellards, E. H. Permian plants. *Taeniopteris* of the Permian of Kansas. Lawrence, Kan. Univ. Q., **10**, 1901, (1-12, with pl.). [55.5000].

**55.7400 ALGAE AND SCHIZO-
PHYCEAE.**

99 North Eastern United States.

Harzer, H. New fossil plants from the Carboniferous and Devonian. Columbus, Rep. Ohio Acad. Sci., **1901**, 1902, (40-45, with pl.). [55.6700].

White, David. Description of a fossil Alga [*Thamnocladus* n. gen., *T. clarkiei* n. sp.] from the Chemung of New York, with remarks on the genus *Haliserites* Sternberg. Albany, Univ. N.Y., Bull. St. Mus., **52**, (Palaeontology 6), 1902, (593-605, with 2 pls.).

60 MESOZOIC.

kb Greenland.

60.5000 GENERAL PALAEO-
BOTANY.

Seward, A. C. Palaeobotany. Mesozoic. *Encycl. Brit. Suppl.*, London, 31, 1902, (421-432).

Staub, Mór. Neue Daten über die Ur-Flora des Polargebietes. (Ungarisch.) *Földt. Közl., Budapest*, 32, 1902, (359-370).

65 TRIASSIC.

75 CRETACEOUS.

75.5400 DICOTYLEDONS.

dk Austria-Hungary.

65.5000 GENERAL PALAEO-
BOTANY.

Leuthardt, F. Beiträge zur Kenntnis der Flora und Fauna der Lettenkohle von Neuwelt bei Basel. *Eclogae Geol. Helvet.*, 7, 1901, (125-128). [65.0231].

Berry, Edward W. *Liriodendron celakovskii* Velen. [Nota *Liriodendron*.] New York, N.Y., *Bull. Torrey Bot. Cl.*, 29, 1902, (478-480).

76.6000 MONOCOTYLEDONS.

df France.

gi Western United States.

Ward, Lester F[rank]. The petrified forests of Arizona. [Reprint of Report to the Director of the Geological Survey]. Washington, D.C., Smithsonian Inst., Rep., 1899, 1901, (289-307, with pl.).

Fliche, P. Note sur un *Zosteriles* trouvé dans le crétacé supérieur du Dévoluy. Paris, *Bul. soc. géol.*, (sér 4), 2, 1902, (111-126, av. 1 pl.). [M 6000].

70 JURASSIC.

75.6700 VASCULAR CRYPTO-
GAMS.

gi Western United States.

Hollick, Arthur. Fossil ferns from the Laramie Group of Colorado. New York, N.Y., *Torreya Torrey Bot. Cl.*, 2, 1902, (145-148, with pl.).

70.6700 VASCULAR CRYPTO-
GAMS.

ea Asiatic Russia.

75.7400 ALGAE AND SCHIZO-
PHYCEAE.

Palibin, I. Détermination des plantes fossiles trouvées dans le bassin de l'Oldoi, confluent de l'Amour. (Russ.) St. Petersburg, *Bull. Com. géol.* 21, 1902, (Prot. 61-62).

Deecke, W[ilhelm]. Ueber *Hexagonaria* v. Hag. und *Goniolites* Roem. *Centralbl. Min., Stuttgart*, 1901, (469-473). [0200 M 7400 †].

Geinitz, [Eugen]. *Aphrocallistes* (*Hexagonaria*) als Senongeschiebe. Centralbl. Min., Stuttgart, **1901**, (584-585). [75.0631 75.0200 N 0631 M 7400].

Lorenz v[on] Liburnan, Josef [Roman], Ritter. Ergänzung zur Beschreibung der fossilen *Halimeda fuggeri*. Wien, SitzBer. Ak. Wiss., **111**, Abt. I, 1902, (685-712, mit 2 Taf.). [M 7400].

80 CAENOZOIC.

80.5000 GENERAL PALAEO-BOTANY.

Reid, C. Palaeobotany. Tertiary. Encycl. Brit. Suppl., London, **31**, 1902, (432-440).

gi Western United States.

Knowlton, F. H. [Report on the Clarno flora, Oregon.] Berkeley, Univ. Cal., Bull. Dept. Geol., **2**, 1901, (287-291).

——— [Report on the flora of the Mascall Formation, Oregon.] Berkeley, Univ. Cal., Bull. Dept. Geol., **4**, 1901, (308-309).

——— Fossil flora of the John Day Basin, Oregon. Washington, D.C., U.S. Dept. Int. Bull. Geol. Surv., No. **204**, 1902, (153, with pl.). 23.4 cm. [85.5400 90.7900].

80.6500 GYMNOSPERMS.

dg Spain.

Marty, P. In Cullis, C. G. and Louis, D. A. Long excursion to the Auvergne. The plant-bed of the Pass of Da Mongudo (near Vic-sur-Cère), Cantal. London, Proc. Geol. Assoc., **17**, 6, 1902, (317-324, with figs.).

80.7300 CHARACEAE.

dc German Empire.

Liebus, Adalbert. Ergebnisse einer mikroskopischen Untersuchung der organischen Einschlüsse der oberbayerischen Molasse. Wien, Jahrb. Geol. RchsAnst., **52**, 1902, (71-104, mit 1 Taf.). [80.0431 dc].

85 LOWER CAENOZOIC (EOCENE. OLIGOCENE).

85.5000 GENERAL PALAEO-BOTANY.

de British Islands.

Johnson, J. P. The Eocene flora and fauna of Walton-Naze. Stratford. Essex Nat., **11**, 1900, (1901), (284-287). [85.0231 dc].

gh South Eastern United States.

Maryland Geological Survey (Eocene). Baltimore (Johns Hopkins Press), 1901, (331 with pl.). 25.5 cm.

gi Western United States.

Knowlton, F[rank] H[all]. Report on a small collection of fossil plants from the vicinity of Porcupine Butte, Montana. New York, N.Y., Bull. Torrey Bot. Cl., **29**, 1902, (705-709, with pl.). [85.5400 gi].

85.5400 DICOTYLEDONS.

df France.

Le Sénéchal, Raoul. Empreinte de *Cinnamomum polymorphum* dans les marnes de Vichy. Feuille jeunes natural., Paris, (sér. 4), **32**, 1902, (105). [M 5400 8000 df].

gi Western United States.

Knowlton, F[rank] H[all]. Report on a small collection of fossil plants from the vicinity of Porcupine Butte, Montana. New York, N.Y., Bull. Torrey Bot. Cl., **29**, 1902, (705-709, with pl.). [85.5000 gi].

——— Fossil flora of the John Day Basin, Oregon. Washington, D.C., U.S. Dept. Int. Bull. Geol. Surv., No. **204**, 1902, (153, with pl.). [80.5000 90.7900 gi].

85.7900 PLANTS OF UNASCERTAINED POSITION.

Hollick, A. Plantae [*Carpolithus marylandicus* n. sp. *rugosus* n. var.]. Maryland Geol. Surv. (Eocene), Baltimore, 1901, (258-259, with pl.). [85.5000].

90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

90.5000 GENERAL PALAEOBOTANY.

de German Empire.

Engelhardt, H. Ueber Tertiärpflanzen vom Himmelsberg bei Fulda. Frankfurt a. M., Abh. Senckenb. Ges., **20**, 1902, (249-305, mit 5 Taf.). [90.5400 7700 M 8000 de 5400 7700].

90.5400 DICOTYLEDONS.

ie New South Wales.

Deane, Henry. [Tertiary leaves from N.S. Wales.] Sydney, N.S.W., Rec. Geol. Surv., N.S. Wales, **7**, pt. 2, 1902, (59-65, with pls. 15-17). [H 90 ie]. (K-1383)

90.7400 ALGAE AND SCHIZOPHYCEAE.

db Russia in Europe.

Andrusov, N. Beiträge zur Kenntniss des Kaspischen Neogen. Die Aktschagylschichten (Russ.) St. Petersburg, Mém. Com. géolog., **XV**, 4, 1902, (I-VI, 1-114); deutsches Rés. (115-153, mit 1 Karte und 5 Taf.).

ea Asiatic Russia.

Andrusov, N. Beiträge zur Kenntniss des kaspischen Neogen. Die Aktschagylschichten. (Russ.) St. Petersburg, Mém. Com. géolog., **XV**, 4, 1902, (I-VI, 1-114); deutsches Rés. (115-153, mit 1 Karte und 5 Taf.). [90.7400 ea 2231 db ea].

ec Japanese Islands and Formosa.

Newton, R. Bullen and Holland. Richard. Fossils of Formosa and Riu-Kiu. Tokyo, J. Coll. Sci., **17**, Art. 6, 1902, (1-23, with 4 pls.). [90.0431 2031 95.7400 0431 ec.]

fa Mediterranean States.

Savornin. Note préliminaire sur les *Lithothamnium* des terrains tertiaires d'Algérie. Paris, Bul. soc. géol., (sér. 4), **2**, 1902, (158-163, av. fig.). [M 7400].

90.7700 BACTERIA.

db Russia in Europe.

Pantocsek, Joseph. Die Bacillarien des Klebschiefers von Kertsch. St. Petersburg, Verh. Russ. mineral. Ges. (Ser. 2), **39**, 1902, (627-655, mit 3 Taf.).

90.7900 PLANTS OF UNASCERTAINED POSITION.

gi Western United States.

Knowlton, F. H. Fossil flora of the John Day Basin, Oregon. Washington, D.C., U.S. Dept. Int. Bull. Geol. Surv., No. 204, 1902, (153, with pl.). [80.5000 5400 gi].

95 PLEISTOCENE AND RECENT.

95.5000 GENERAL PALAEOBOTANY.

db Russia in Europe.

Lindburg, Harald. [Entstehung und Bau des Panoliamoores.] (Schwedisch.) F. Mosskult, Årb., Helsingfors, 1901, 1902, (31-41). [95.0231 db].

dc German Empire.

Schulz, August. Studien über die phanerogame Flora und Pflanzendecke des Saalebezirkes. I. Die Wanderungen der Phanerogamen im Saalebezirke seit dem Ausgange der letzten kalten Periode. Halle a. S. (Tausch & Grosse), 1902, (57, mit 1 Karte). 24 cm. 2 M. [M 8000 dc].

Ueber die Entwicklungsgeschichte der gegenwärtigen phanerogamen Flora und Pflanzendecke Mitteleuropas. Berlin, Ber. D. bot. Ges., 20, 1902, (54-81). [0200 M 8000 dc H 95].

Weber, C. A. Ueber die Vegetation und Entstehung des Hochmoors von Augstun im Memeldelta mit verglichenen Ausblicken auf andere Hochmoore der Erde. Eine formationsbiologisch-historische und geologische Studie. Berlin (P. Parey), 1902, (VIII + 252, mit 3 Taf.). 23 cm. 7 M. [M 8000 dc 3200 H 95 J 21].

de British Islands.

Reid, Clement. Further notes on the Palaeolithic deposits at Hitchin [with list of seeds and fruits]. Hertford, Trans. Nat. Hist. Soc., 11, 1901, (63-64).

gg North Eastern United States.

Gordon, Reginald. Tree trunks found with *Mastodon* remains [Newburgh, N.Y.]. Science, New York, N.Y., (N. Ser.), 16, 1902, (1033). [95.6500 gg].

95.6500 GYMNOSPERMS.

Géneau de Lamarlière, L. Recherches sur le bois des conifères des tourbières. Rev. gén. bot., Paris, 14, 1902, (241-253). [M 6500 df 2040].

Newton, E. T. Sub-fossil yew-wood. Geol. Mag., London, (Ser. 2), 9, [4]. 1902, (48).

gg North Eastern United States.

Gordon, Reginald. Tree trunks found with *Mastodon* remains [Newburgh, N.Y.]. Science, New York, N.Y., (N. Ser.), 16, 1902, (1033). [95.5000 gi].

gi Western United States.

Knowlton, Frank H[all]. A fossil nut pine. *Pinus lindgrenii*. Plant World, Washington, D.C., 5, 1902, (33-34).

95.7300 CHARACEAE.

gi Western United States.

Knowlton, Frank H[all]. Description of a new fossil species of *Chara*. New York, N.Y., Torrey, Torrey Bot. Cl., 2, 1902, (71-72).

95.7400 *ALGAE AND*
SCHIZOPHYCEAE.

ec *Japanese Islands and*
Formosa.

do *Baltic and Islands.*

Borge. Beitrag zur subfossilen Des-
midiaceen-Flora Gotlands. *Zs. angew.*
Mikrosk., Weimar, 7, 1902, (309-310).
[M 7400].

Newton, R. Bullen and Holland,
Richard . . . Fossils . . . of
Formosa and Riu-Kiu. Tokyo, J. Coll.
Sci., 17, Art. 6, 1902, (1-23, with 4 pl.).
[90.7400 0431 2031 95.0431 *ec*].

PALAEOBOTANY.

B. BOTANICAL CLASSIFICATION.

5400 DICOTYLEDONS.

5400.35 GENERAL, INCLUDING
STRATA OF UNKNOWN
AGE.

Nymphaea. **Marty**, P. Feuille
jeunes natural., Paris, (sér. 4), **32**, 1902,
(45-49).

Quercus. **Brenner**, W. Flora, Mar-
burg, **90**, 1902, (114-160, 466-470).

5400.75 CRETACEOUS.

Liriodendron celakovskii Velen.
Berry, E. W. New York, N.Y., Bull.
Torrey Bot. Cl., **29**, 1902, (478-480).

5400.85 LOWER CAENOZOIC
(EOCENE, OLIGOCENE).

Alnus macrodonta n. sp. **Knowlton**
F. H. Washington, D.C., U.S. Dept.
Int. Bull. Geol. Surv., No. **204**, 1902,
(153). 23.4 cm.

Betula nn. spp. **Knowlton**, F. H.
Washington, D.C., U.S. Dept. Int. Bull.
Geol. Surv., No. **204**, 1902, (153). 23.4
cm.

Cinnamomum bendirei n. sp. **Knowl-**
ton, F. H. Washington, D.C., U.S.
Dept. Int. Bull. Geol. Surv., No. **204**,
1902, (153). 23.4 cm.

Cinnamomum polymorphum. **Le Sânc-**
chal, R. Feuille jeunes natural., Paris,
(sér. 4), **32**, 1902, (105).

Diospyros elliptica n. sp. **Knowlton**,
F. H. Washington, D.C., U.S. Dept.
Int. Bull. Geol. Surv., No. **204**, 1902,
(153). 23.4 cm.

Hicoria? oregoniana n. sp. **Knowlton**,
F. H. Washington, D.C., U.S. Dept.
Int. Bull. Geol. Surv., No. **204**, 1902,
(153). 23.4 cm.

Juglans? nn. spp. **Knowlton**, F. H.
Washington, D.C., U.S. Dept. Int. Bull.
Geol. Surv., No. **204**, 1902, (153). 23.4
cm.

Myrica? nn. spp. **Knowlton**, F. H.
Washington, D.C., U.S. Dept. Int. Bull.
Geol. Surv., No. **204**, 1902, (153). 23.4
cm.

Quercus nn. spp. **Knowlton**, F. H.
Washington, D.C., U.S. Dept. Int. Bull.
Geol. Surv., No. **204**, 1902, (153). 23.4
cm.

Quercus affinis (Newb.) n. comb.
Knowlton, F. H. Washington, D.C.,
U.S. Dept. Int. Bull. Geol. Surv., No.
204, 1902, (153). 23.4 cm.

Sapindus nn. spp. **Knowlton**, F. H.
Washington, D.C., U.S. Dept. Int. Bull.
Geol. Surv., No. **204**, 1902, (153). 23.4
cm.

Tilia wiedii n. sp. **Knowlton**, F. H.
New York, N.Y., Bull. Torrey Bot. Cl.,
29, 1902, (705-709).

Ulmus neibergeri n. sp. **Knowlton**, F.
H. Washington, D.C., U.S. Dept. Int.
Bull. Geol. Surv., No. **204**, 1902, (153).
23.4 cm.

5400.90 UPPER CAENOZOIC
(MIOCENE, PLIOCENE).

Acer nn. spp. Knowlton, F. H. Washington, D.C., U.S. Dept. Int. Bull. Geol. Surv., No. 204, 1902, (153). 23.4 cm.

Aesculus simulata n. sp. Knowlton, F. H. Washington, D.C., U.S. Dept. Int. Bull. Geol. Surv., No. 204, 1902, (153). 23.4 cm.

Berberis? *gigantea* n. sp. Knowlton, F. H. Washington, D.C., U.S. Dept. Int. Bull. Geol. Surv., No. 204, 1902, (153). 23.4 cm.

Celastrus nn. spp. Knowlton, F. H. Washington, D.C., U.S. Dept. Int. Bull. Geol. Surv., No. 204, 1902, (153). 23.4 cm.

Crataegus imparilis n. sp. Knowlton, F. H. Washington, D.C., U.S. Dept. Int. Bull. Geol. Surv., No. 204, 1902, (153). 23.4 cm.

Ficus kinkelini n. sp. Engelhardt, H. Frankfurt a. M., Abh. Senckenb. Ges., 20, 1902, (249-305).

Laurus oregoniana n. sp. Knowlton, F. H. Washington, D.C., U.S. Dept. Int. Bull. Geol. Surv., No. 204, 1902, (153). 23.4 cm.

Liquidambar europaeum var. *patulum* n. var. Knowlton, F. H. Washington, D.C., U.S. Dept. Int. Bull. Geol. Surv., No. 204, 1902, (153). 23.4 cm.

Liquidambar pachyphyllum n. sp. Knowlton, F. H. Washington, D.C., U.S. Dept. Int. Bull. Geol. Surv., No. 204, 1902, (153). 23.4 cm.

Prunus? nn. spp. Knowlton, F. H. Washington, D.C., U.S. Dept. Int. Bull. Geol. Surv., No. 204, 1902, (153). 23.4 cm.

Rubus crataegifolium n. sp. Knowlton, F. H. Washington, D.C., U.S. Dept. Int. Bull. Geol. Surv., No. 204, 1902, (153). 23.4 cm.

Salix nn. spp. Knowlton, F. H. Washington, D.C., U.S. Dept. Int. Bull. Geol. Surv., No. 204, 1902, (153). 23.4 cm.

6000 MONOCOTYLEDONS.

6000.75 CRETACEOUS.

Zosterites. Fliche, P. Paris, Bul. soc. geol., (sér. 4), 2, 1902, (111-126).

6500 GYMNOSPERMS.

6500.35 GENERAL, INCLUDING
STRATA OF UNKNOWN AGE.

Calyccarpus thuoides Goepfert v. *Lepidophyllum waldenburgense* Potonié.

Lepidophyllum waldenburgense Potonié = *Calyccarpus thuoides* Goepfert. Gurich, G. Centralbl. Min., Stuttgart, 1902, (233-238).

6500.55 UPPER PALAEOZOIC.

Araucarites oldhamia n. sp. Zeller, R. Pal. Ind., Calcutta, (N. Ser.), 2, 1902, (36, with pl. vii, fig. 6).

Cycadites. Zeller, R. Pal. Ind. Calcutta, (N. Ser.), 2, 1902, (33, with pl. vii, figs. 4-5).

Feistmantelia v. *Ottokaria*.

Ottokaria n. gen. *O. bengalensis* n. sp. [Described under the name *Feistmantelia* in the paper, for which read *Ottokaria*, in accordance with author's note preceding the paper.] Zeller, R. Pal. Ind., Calcutta, (N. Ser.), 2, 1902, (34, with pl. iv, figs. 9-10).

Rhipkozamites goeperti. Zeller, R. Paris, C.-R. Acad. sci., 134, 1902, (887-891).

Voltzia. Zeller, R. Pal. Ind., Calcutta, (N. Ser.), 2, 1902, (39, with pl. vii, figs. 9, 10).

6500.70 JURASSIC.

Cycloptys nordenskiöldi. Zeller, R. Paris, C.-R. Acad. sci., **134**, 1902, (887-891).

6500.95 PLEISTOCENE AND RECENT.

Pinus lindgrenii. Knowlton, F. H. Plant World, Washington, D.C., **5**, 1902, (33-34).

Taxus. Newton, E. T. Geol. Mag., London, (Ser. 2), [4], 9, 1902, (48).

6700 VASCULAR CRYPTO-GAMS.

6700.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Aspidiaria. Fischer, F. Berlin, Zs. D. geol. Ges., **54**, 1902, Protokolle, (113-114).

Lepidodendron. Seward, A. C. N. Phytol., London, **1**, (2), 1902, (38-46, with figs.).

6700.55 UPPER PALAEOZOIC.

Calamites pettycurensis. Scott, D. H. Geol. Mag., London, (Ser. 2), [4], **9**, 1902, (74).

Crossotheca trisepta n. sp. Sellards, E. H. Amer. J. Sci., New Haven, Conn., (Ser. 4), **14**, 1902, (195-202).

Cyathea tehichatchewi. Zeller, R. Paris, C.-R. Acad. sci., **134**, 1902, (887-891).

Glossopteris indica, *G. damudica*, *G. angustifolia*, *G. tortuosa* n. sp. Zeller, R. Pal. Ind., Calcutta, (N. Ser.), **2**, 1902, (8, 13, 16, 14, with pls. I-IV, figs. 1-13).

Idiophyllum rotundifolium Lesqueureux. Sellards, E. H. Amer. J. Sci., New Haven, Conn., (Ser. 4), **14**, 1902, (203-204).

Lepidophlois fuliginosus (Williamson). Weiss, F. E. Manchester Mem. Lit. Phil. Soc., **46**, pt. 3, 1902, (1-19); Manchester, Museum Handbooks, **37**, 1902, (1-19).

Lyginodendron oldhamium (Binney). Arber, E. A. Newall. Cambridge. Proc. Phil. Soc., **11**, pt. 4, 1902, (281-285).

Lyginodendron oldhamium. Benson, Miss. M. Ann. Bot., Oxford, **16**, 1902, (575).

Lyginodendron oldhamium. Lomax, J. Ann. Bot., Oxford, **16**, 1902, (601-602).

Myriotheca. Sellards, E. H. Amer. J. Sci., New Haven, Conn., (Ser. 4), **14**, 1902, (195-202).

Parkerioidea stephanensis. Renault, B. Paris, C.-R. Acad. sci., **134**, 1902, (618-621).

Paracalamostachys. Ryba, Fr[anz]. Prag, SitzBer. Böhm. Ges. Wiss., **1901**, 1902, No. VII, (4).

Phyllothea griesbachi n. sp. Zeller, R. Pal. Ind., Calcutta, (N. Ser.), **2**, 1902, (30, with pl. vii, fig. 1).

Protopteris kellermaniana n. sp. Herzer, H. Columbus, Rep. Ohio Acad. Sci., **1901**, 1902, (40-45).

Pearonius vermiculus n. sp. Herzer, H. Columbus, Rep. Ohio Acad. Sci., **1901**, 1902, (40-45).

Schizoneura gondwanaensis, *S. uardi* n. sp. Zeller, R. Pal. Ind., Calcutta, (N. Ser.), **2**, 1902, (26, with pl. XI, figs. 1-9).

Sphenopteris hughesi. Zeller, R. Pal. Ind., Calcutta, (N. Ser.), **2**, 1902, (6, with pl. IV, figs. 1, 2).

Stemmatopteris distans n. sp. Herzer, H. Columbus, Ohio Rep. Acad. Sci., **1901**, 1902, (40-55).

Taeniopteris coriacea, v. *linearis* n. var. Sellards, E. H. Lawrence, Kan. Univ. Q., **10**, 1901, (1-12).

Taeniopteris submultinervia n. sp. Sternel, J. T. Centralbl. Min., Stuttgart, **1901**, (590-598).

Vertebraria indica. Zeller, R. Pal. Ind., Calcutta, (N. Ser.), **2**, 1902, (17, with pl. V, figs. 1-7).

Xenophyton radiculosum (Hick). Welm, F. E. Manchester Mem. Lit. Phil. Soc., **46**, pt. 3, 1912, (1-19); Manchester, Museum Handbooks, **37**, 1902, (1-19).

6700.75 CRETACEOUS.

Acrostichum haddeni n. sp. Hollick, Arthur. New York, N.Y., Torrey Bot. Cl., **2**, 1902, (145-148).

Anemia nn. spp. Hollick, Arthur. New York, N.Y., Torrey Bot. Cl., **2**, 1902, (145-148).

Gleichenia rhombifolia n. sp. Hollick, Arthur. New York, N.Y., Torrey Bot. Cl., **2**, 1902, (145-148).

Polystichum hillsianum n. sp. Hollick, Arthur. New York, N.Y., Torrey Bot. Cl., **2**, 1902, (145-148).

Stenopteris (?) *cretacea* n. sp. Hollick, Arthur. New York, N.Y., Torrey Bot. Cl., **2**, 1902, (145-148).

7300 CHARACEAE.

7300.80 CAENOZOIC.

Chara. Liebus, Adalbert. Wien, Jahrb. Geol. Rchs-Anst., **52**, 1902, (71-104).

7300.95 PLEISTOCENE AND RECENT.

Chara springerae n. sp. Knowlton, F. H. New York, N.Y., Torrey Bot. Cl., **2**, 1902, (71-72).

7400 ALGAE AND SCHIZOPHYCEAE.

7400.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Acetabulum. Howe, M. A. New York, N.Y., Bull. Torrey Bot. Cl., **28**, 1901, (321-334).

Acicularia. Howe, Marshall A[very]. New York, N.Y., Bull. Torrey Bot. Cl., **28**, 1901, (321-334).

Lithothamnium. Martin, K. Centralbl. Min., Stuttgart, **1901**, (161-165).

Nematophycus? Fox, H. Penzance, Trans. R. Geol. Soc., Cornwall, **12**, pt. 6, 1901, (434-437).

7400.50 LOWER PALAEOZOIC.

Buthotrephis nn. spp. White, David. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., **24**, 1901, (265-270). Separate 24.5 cm.

Buthotrephis speciosa n. nom. (= *B. divaricata* White not Kidston). White, David. Washington, D.C., Proc. Biol. Soc., **15**, 1902, (86).

Palaeodictyota n. gen. Whitfield, R. P. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **16**, 1902, (399-400).

7400.55 UPPER PALAEOZOIC.

Haliserites. White, D. Albany, Univ., N.Y., Bull. St. Mus., **52**, (Palaeontology 6), 1902, (593-605).

Lianophycus n. gen. *L. polyfrons* n. sp. Herzer, H. Columbus, Rep. Ohio Acad. Sci., **1901**, 1902, (40-45).

Pterophycus n. gen. *P. plicatus* n. sp. Herzer, H. Columbus, Rep. Ohio Acad. Sci., **1901**, 1902, (40-45).

Thamnocladus n. gen. *T. clarkii* n. sp.
White, David. Albany, Univ. N.Y.,
Bull. St. Mus., **52**, (Paleontology 6),
1902, (593-605).

Sphaeria aegeritoiles n. sp. Engel-
hardt, H. Frankfurt a. M., Abh.
Senckenb. Ges., **20**, 1902, (249-305).

Xylomites nn. spp. Engelhardt, H.
Frankfurt a. M., Abh. Senckenb. Ges., **20**,
1902, (249-305).

7400.75 CRETACEOUS.

Aphrocallistes. (Hezagonaria).
Geinitz, E. Centralbl. Min., Stuttgart,
1901, (584-585).

Diplopora mühlbergii n. sp. Lorenz,
T. Freiburg i. B., Ber. natf. Ges., **12**,
1902, (34-95).

Halimeda. Lorenz v[on] Liburnan,
J. [R.] Ritter. Wien, SitzBer. Ak.
Wiss., **111**, 1902, Abt. I (685-712).

Halimedes n. gen. Lorenz v[on]
Liburnan, J. [R.] Ritter. Wien, Sitz-
Ber. Ak. Wiss., **111**, Abt. I, 1902, (685-
712).

Hezagonaria senonica n. sp. Deecke,
W. Centralbl. Min., Stuttgart, 1901,
(469-473).

Hezagonaria v. *Aphrocallistes*.

7400.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Lithothamnium. Savorin. Paris,
Bul. soc. géol., (sér. 4), **2**, 1902, (158-
163).

7700 FUNGI, BACTERIA, AND MYCETOZOA.

7700.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Phyllerium ulmi n. sp. Engelhardt,
H. Frankfurt a. M., Abh. Senckenb.
Ges., **20**, 1902, (249-305).

7900 PLANTS OF UNASCER- TAINED POSITION.

7900.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Cardiocarpus sp. Arber, E. A. N.
London, Q. J. Geol. Soc., **58**, 1902, (20,
with fig.).

7900.45 PALAEOZOIC.

Phycodes circinnatus Richter. Fuchs.
R. T. Wien, SitzBer. Ak. Wiss., **11**,
Abt. I, 1902, (327-333).

7900.55 UPPER PALAEOZOIC.

Cardiocarpus indicus n. sp. Zeller,
R. Pal. Ind., Calcutta, (N. Ser.), **2**,
1902, (37, with pl. vii, fig. 7-8).

Dictyopteridium sporiferum. Zeller,
R. Pal. Ind., Calcutta, (N. Ser.), **2**,
1902, (24, with pl. IV, fig. 8).

Noeggerathiopsis (?) *lacerata*. Zeller,
R. Pal. Ind., Calcutta, (N. Ser.), **2**,
1902, (31-32, with pl. VII, figs. 2, 3).

7900.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

Carpolithus marylandicus n. sp. C.
marylandicus var. *rugosus* n. var.
Hollick, A. Maryland Geol. Surv.
(Eocene), Baltimore, 1901, (258-259).

7900.90 *UPPER* *CAENOZOIC*
(*MIOCENE, PLIOCENE*).

Phyllites nn. spp. Knowlton, Frank
Hall. Washington, D.C., U.S. Dept. Int.
Bull. Geol., Surv., No. 204, 1902, (153).
23.4 cm.

Carpolithes nn. spp. Engelhardt, H.
Frankfurt a. M., Abb. Senckenb. Ges.,
20, 1902, (249-305).

Phyllites frazinoides n. sp. Engel-
hardt, H. Frankfurt a. M., Abb. Senc-
kenb. Ges., 20, 1902, (249-305).

LIST OF NEW GENERA AND SPECIES.

5400 DICOTYLEDONS.

AOEB [Sapindaceae].

- *gigas*. Knowlton, F. H.
952.
- *medianum*. Knowlton, F. H.
952.
- *merriami*. Knowlton, F. H.
952.
- *minor*. Knowlton, F. H.
952.
- *oregonianum*. Knowlton,
F. H. 952.
- *osmonti*. Knowlton, F. H.
952.

AESCULUS [Sapindaceae].

- *simulata*. Knowlton, F. H.
952.

ALNUS [Cupuliferae].

- *macrodonata*. Knowlton, F.
H. 952.

BERBERIS? [Berberideae].

- *gigantea*. Knowlton, F. H.
952.

BETULA [Cupuliferae].

- *bendirei*. Knowlton, F. H.
952.
- *dayana*. Knowlton, F. H.
952.
- *heteromorpha*. Knowlton,
F. H. 952.

CELASTRUS [Celastrineae].

- *confluens*. Knowlton, F. H.
952.
- *dignatus*. Knowlton, F. H.
952.

CINNAMOMUM [Laurineae].

- *bendirei*. Knowlton, F. H.
952.

CRATAEGUS. [Rosaceae].

- *imparilis*. Knowlton, F. H.
952.

DIOSPYROS [Ebenaceae].

- *elliptica*. Knowlton, F. H.
952.

FICUS [Urticaceae].

- *kinkelini*. Engelhardt, H.
812.

HICORIA (?) [Juglandae].

- *oregoniana*. Knowlton, F. H.
952.

JUGLANS? [Juglandae].

- *bendirei*. Knowlton, F. H.
952.
- *crassifolia*. Knowlton, F. H.
952.
- *cryptata*. Knowlton, F. H.
952.

LAURUS [Laurineae].

- *oregoniana*. Knowlton, F. H.
952.

LIQUIDAMBAR [Hamamelideae].

- *europaeum* var. *patulum*.
Knowlton, F. H. 952.
- *pachyphyllum*. Knowlton,
F. H. 952.

MYRICA [Myricaceae].

- *oregoniana*. Knowlton, F. H.
952.
- ? *personata*. Knowlton, F. H.
952.

PRUNUS ? [Rosaceae].

- *merriami*. Knowlton, F. H. 952.
 —— *tufacea*. Knowlton, F. H. 952.

QUERCUS [Cupuliferae].

- *dayana*. Knowlton, F. H. 952.
 —— *duriuscula*. Knowlton, F. H. 952.
 —— *merriami*. Knowlton, F. H. 925.
 —— *oregoniana*. Knowlton, F. H. 952.
 —— *urina*. Knowlton, F. H. 952.

RULAC [Sapindaceae].

- *crataegifolium*. Knowlton, F. H. 952.

SALIX [Salicinea].

- *dayana*. Knowlton, F. H. 952.
 —— *mixta*. Knowlton, F. H. 952.
 —— *perplexa*. Knowlton, F. H. 952.
 —— *pseudo-argentea*. Knowlton, F. H. 952.

SAPINDUS [Sapindaceae].

- *merriami*. Knowlton, F. H. 952.
 —— *oregonianus*. Knowlton, F. H. 952.

TILIA [Tiliaceae].

- *wiedii*. Knowlton, F. H. 949.

ULMUS [Urticaceae].

- *neuberryi*. Knowlton, F. H. 952.

6500 GYMNOSPERMS.

ARAUCARITES [Araucariace].

- *oldhamia*. Zeiller, R. 1309.

6700 VASCULAR CRYPTOGRAMS.

ACROSTICHUM [Polypodiaceae].

- *haddenii*. Hollick, A. 894.

ANEMIA [Schizaeaceae].

- *robusta*. Hollick, A. 894.
 —— *supercretacea*. Hollick, A. 894.

CROSSOTHECA [Filicaceae].

- *trisecta*. Sellards, E. H. 1167.

GLEICHENIA [Gleicheniaceae].

- *rhombifolia*. Hollick, A. 894.

GLOSSEPTERIS [Filicaceae].

- *tortuosa*. Zeiller, R. 1309.

PHYLLOTHECA [Equisetales].

- *griesbachii*. Zeiller, R. 1309.

POLYSTICHUM [Polypodiaceae].

- *hillsianum*. Hollick, A. 894.

PROTOPTERIS [Filicaceae].

- *kellermaniana*. Herzer, H. 881.

PSARONIUS [Filicaceae].

- *vermiculus*. Herzer, H. 881.

SCHIZONEURA [Equisetales].

- *wardi*. Zeiller, R. 1309.

STEMMATOPTERIS [Filicaceae].

- *distans*. Herzer, H. 881.

STENOPTERIS (?) [Filicaceae].

- *cretacea*. Hollick, A. 894.

TAENIOPTERIS [Filicaceae].

- *coriacea* var. *linearis*. Sellards, E. H. 1169.
 —— *submultinervia*. Stenzel, J. T. 1198.

7300 CHARACEAE.

CHARA [Characeae].

———— *springerae*. Knowlton, F. H.
950.

**7400 ALGAE AND SCHIZO-
PHYCEAE.**

BUTHIOTREPHIS [Chondriteae].

———— *divaricata*. White, D. 1257.

———— *neulini*. White, D. 1257.

DIPLOPORA [Chlorosporeae].

———— *mühlbergii*. Lorenz, T.
991.

Halimedes n. gen. [Chlorosporeae].
Lorenz, von Liburnan,
J. [R.] 992.

HEXAGONARIA.

———— *senonica*. Deecke, W. 776.

Lianophycus n. gen. Herzer, H.
881.

———— *polyfrons*. Herzer, H. 881.

Palaeodictyota n. gen. Whitfield, R. P.
1262.

Pterophycus n. gen. Herzer, H.
881.

———— *plicatus* n. sp. Herzer, H.
881.

Thamnocladius n. gen. [Palaeophyceae].
White, D. 1255.

———— *clarkei*. White, D. 1255.

**7700 FUNGI, BACTERIA, AND
MYCETOZOA.**

PHYLLERIUM [Hyphomycetes].

———— *ulmi*. Engelhardt, H. 812.

SPHAERIA [Pyrenomycetes].

———— *aegeritoides*. Engelhardt, H.
812.

XYLOMITES.

———— *betulae*. Engelhardt, H.
812.

———— *pterocaryae*. Engelhardt, H.
812.

**7900 PLANTS OF UNASCR-
TAINED POSITION.**

CARDIOCARPUS.

———— *indicus*. Zeiller, R. 1309.

———— *marylandicus* var. *rugosus*.
Hollick, A. 896.

CARPOLITHES.

———— *carcinus*. Engelhardt, H.
812.

———— *crenatus*. Engelhardt, H.
812.

———— *polyspermus*. Engelhardt,
H. 812.

CARPOLITHUS.

———— *marylandicus*. Hollick, A.
896.

Ottokaria n. gen. Zeiller, R. 1309.

———— *bengalensis*. Zeiller, R.
1309.

PHYLLITES.

———— *bifurcies*. Knowlton, F. H.
952.

———— *fraxinoides*. Engelhardt, H.
812.

———— *inexpectans*. Knowlton, F. H.
952.

———— *oregonianus*. Knowlton,
F. H. 952.

———— *personatus*. Knowlton, F. H.
952.

ALPHABETICAL LIST OF NAMES OF NEW GENERA, SPECIES AND VARIETIES.

(The names of New Genera are in italics.)

<i>abstemia</i>	<i>Myalina</i> (?) ; Sardeson, F. W. 1138.	<i>altirostris</i>	<i>Calymene</i> ; Van Ingen, G. 1222.
<i>Acanthopleurella</i>	n. gen. Groom, T. T. 862.	<i>altiuscula</i>	n. var. <i>Homalaxis bifrons</i> ; Marchand, E. 1020.
<i>accola</i>	<i>Eunoa</i> ; Clarke, J. M. 754.	<i>altus</i>	<i>Agnostus</i> ; Grönwall, K. A. 859.
<i>acinoso</i>	<i>Plocoscypbia</i> ; Schrammen, A. 1157.	<i>altus</i>	<i>Pentremites</i> ; Greene, G. K. 856.
<i>acus</i>	<i>Tentaculites</i> ; Clarke, J. M. 755.	<i>ambigua</i>	<i>Schizoporella</i> ; Maple- stone, C. M. 1018.
<i>acuta</i>	<i>Marsdenius</i> ; Wellburn, E. D. 1249.	<i>ambiguus</i>	<i>Hoplites</i> ; Uhlig, V. 1217.
<i>acuteccarinata</i>	<i>Mactra</i> ; Andrusov, N. 682.	<i>ameghinoid</i>	<i>Neoinoceramus</i> ; Ihering, H. von. 910.
<i>adunca</i>	<i>Inoceramus</i> ; Anderson, F. M. 677.	<i>americanus</i>	<i>Sagenocrinus</i> ; Springer, F. 1189.
<i>aegeritoides</i>	<i>Sphaeria</i> ; Engelhardt, H. 812.	<i>ammonitiformis</i>	<i>Straparollus</i> ; Ethe- ridge, R. jun. 815.
<i>aequiglobata</i>	<i>Spiriferina</i> ; Uhlig, V. 1218.	<i>Amphicyonide</i>	? n. gen. indet ; Schlosser, M. 1152.
<i>agglomerata</i>	<i>Ceratopora</i> ; Greene, G. K. 856.	<i>ampliatum</i>	<i>Heliophyllum</i> ; Greene, G. K. 856.
<i>airensis</i>	<i>Aspidostoma</i> ; Maplestone, C. M. 1018.	<i>amplus</i>	<i>Strophostylus</i> ; Greene, G. K. 856.
<i>airensis</i>	<i>Lagenipora</i> ; Maplestone, C. M. 1019.	<i>ampullariaeforme</i>	<i>Tylostoma</i> ; Ravn, J. P. J. 1104.
<i>airensis</i>	<i>Mucronella</i> ; Maplestone, C. M. 1019.	<i>anaana</i>	<i>Pholadomya</i> ; Anderson, F. M. 677.
<i>airensis</i>	<i>Platytrochus</i> ; Dennant, J. 780.	<i>ananchytoides</i>	<i>Holaster</i> ; Elbert, J. 810.
<i>albaniensis</i>	<i>Eopolychaetus</i> ; Ruede- mann, R. 1127.	<i>anatolica</i>	<i>Brissopsis</i> ; Toula, F. 1213.
<i>albus</i>	<i>Zaphrentis</i> ; Greene, G. K. 856.	<i>anatolicus</i>	<i>Fusus</i> ; Toula, F. 1213.
<i>alsaticum</i>	<i>Lytoceras</i> ; Janensch, W. 920.	<i>Andreaea</i>	n. gen. Schrammen, A. 1157.
<i>alta</i>	n. var. <i>Acrotreta idahoensis</i> ; Walcott, C. D. 1237.	<i>andrusovi</i>	<i>Limnocardium</i> ; Lören- they, E. 983.

- angelini Anomoceras; Grönwall, K. A. 859.
- angularis Orbitoides; Newton, R. B. and Holland, R. 1050.
- angulatum Lytoceras; Anderson, F. M. 677.
- angusta Membranipora; Ulrich, E. O. 1219.
- angustata Porella; Maplestone, C. M. 1019.
- annectens Palaeomeryx; Schlosser, M. 1152.
- Anomosaurus* n. gen. Huene, F. von. 907.
- anotolica Brissopsis; Toula, F. 1214.
- antiquus Lanistes; Blanckenhorn, M. 712.
- appressus n. var. Scaphites condoni; Anderson, F. M. 677.
- arachnoidea Hederella; Clarke, J. M. 755.
- Arcuaceras* n. gen. Herzer, H. 882.
- areolata Porella; Maplestone, C. M. 1019.
- argenta Acrotreta. Walcott, C. D. 1237.
- argillarium Chelydra; Laube, G. C. 969.
- argonautarum Lytoceras; Anderson, F. M. 677.
- arkansana Odontopleura; Van Ingen, G. 1222.
- arkansanus Arges; Van Ingen, G. 1222.
- arkansanus Cyphaspis; Van Ingen, G. 1222.
- armata n. var. Beyrichia angelini; Grönwall, K. A. 859.
- armatus Hamites; Anderson, F. M. 677.
- ashlandicum Deamoceras; Anderson, F. M. 677.
- aspera Meronella; Ulrich, E. O. 1219.
- aspidiformis Trionyx; Laube, G. C. 969.
- assimilis Spirorbis; Clarke, J. M. 755.
- astrachanica Nerinea; Rehbinder, B. 1110.
- atacosae Testudo; Hay, O. P. 878.
- Atollites* n. gen. Mass, O. 1007.
- attenuata Cyrtospira; Ruedemann, R. 1128.
- angustae Becksia; Schrammen, A. 1157.
- angustata Polyopesia; Schrammen, A. 1157.
- auriculata Gemellipora; Maplestone, C. M. 1018.
- australis Atherstonia; Woodward, A. S. 1293.
- austrosilesiacus Hoplites; Uhlig, V. 1217.
- avus Ctenolates; Woodward, A. S. 1293.
- bakeri Schloenbachia; Anderson, F. M. 677.
- Balantionella* n. gen. Schrammen A. 1157.
- barringtonensis Productus; Dun, W. S. 801.
- bartonianus Lanistes; Blanckenhorn, M. 712.
- basalis Cystiphyllum; Herzer, H. 882.
- baskuntschakensis Turritella; Rehbinder, B. 1110.
- bassleri Cythereis; Ulrich, E. O. 1220.
- basaleri Homotrypa; Nickles, J. M. 1053.
- becraftensis Cordania; Clarke, J. M. 755.
- becraftensis Edriocrinus; Clarke, J. M. 755.
- becraftensis Orthothetes; Clarke, J. M. 755.
- beechei Acanthodes; Eastman, C. R. 804.
- bellatulum Gomphoceras; Greene, G. K. 856.
- bendirei Betula; Knowlton, F. H. 952.
- bendirei Cinnamomum; Knowlton, F. H. 952.
- bendirei Juglans (?); Knowlton, F. H. 952.
- bengalensis Ottokaria; Zeiller, R. 1309.
- bergeri Naticella; Pickard, E. 1086.

- bertrandi Tornoceras ; Frech, F. 827.
- betulae Xylomites ; Engelhardt, H. 812.
- bicornutus Megacerops ; Osborn, H. F. 1071.
- bielanensis n. var. Helix osculum ; Lomnicki, A. 985.
- bielanensis Tudora ; Lomnicki, A. 985.
- bifurcies Phyllites ; Knowlton, F. H. 952.
- biplicatum Tritonium ; Ravn, J. P. J. 1104.
- bisignatus Dalmanites ; Clarke, J. M. 755.
- bisinuata Lepralia (?) ; Maplestone, C. M. 1018.
- bisulcata Lima ; Ravn, J. P. J. 1103.
- blezingeri Chelyzoon ; Huene, F. von. 907.
- bockhi Hydrobia ; Lörenthey, E. 983.
- bösei Arietites ; Uhlig, V. 1218.
- bohemicus Lepidosteus ; Laube, G. C. 970.
- Bordenia n. gen. Greene, G. K. 856.
- bornholmiensis Corynexochus ; Grönwall, K. A. 859.
- borealis Lophospira ; Donald, J. 788.
- brachycephalus Megacerops ; Osborn, H. F. 1071.
- brandesi Lepidospongia ; Schrammen, A. 1157.
- branneri Prionotropis ; Anderson, F. M. 677.
- brevis Eretnocrinus ; Rowley, R. R. 1126.
- bristolensis Riley ; Huene, F. von. 907.
- bröggeri Raphistoma (?) ; Grönwall, K. A. 859.
- Bröggeria n. subgen. Walcott, C. D. 1237.
- browni Cardium (?) ; Etheridge, R. jun. 814.
- brusinai Melanopsis ; Lörenthey, E. 983.
- bucculenta Solenopleura ; Grönwall, K. A. 859.
- bucovinus Rhacophyllites ; Uhlig, V. 1217.
- budapestinense Limnocardium ; Lörenthey, E. 983.
- bulbifera Eurychilina ; Ruedemann, R. 1128.
- burchardti Ctenostreon ; Newton, R. B. 1049.
- buttensis Schloenbachia ; Anderson, F. M. 677.
- californicum Bittium ; Dall, W. H. and Bartsch, P. 770.
- californicum Placenticeras ; Anderson, F. M. 677.
- campylotoxus Hoplites ; Uhlig, V. 1217.
- cancellatus Technophorus ; Ruedemann, R. 1127.
- canis Obolus ; Walcott, C. D. 1237.
- Cannostomites n. gen. Maas, O. 1007.
- capax Cyathophyllum ; Herzer, H. 882.
- Capromeryx n. gen. Matthew, W. D. 1032.
- carbonicum Cyathophyllum ; Lebedev, N. 973.
- caricinus Carpolithes ; Engelhardt, H. 812.
- carolensis Desmoceras ; Etheridge, R. jun. 814.
- caroli-ameghinoides Nautilus ; Ihering, H. von. 910.
- caspian Potamides ; Andrusov, N. 682.
- cenomanica n. var. Oxytoma inaequivalve ; Redlich, K. A. 1105.
- Ceratogaulus n. gen. Matthew, W. D. 1030.
- ceratopse Heteroceras ; Anderson, F. M. 677.
- cerithiorum Pleurotoma ; Ravn, J. P. J. 1104.
- charlestownensis n. var. Aorocrinus saasedayi ; Greene, G. K. 856.
- Chelyzoon n. gen. Huene, F. von. 907.

- ch lithridiata Schizoporella ; Maplestone, C. M. 1018.
Chondrodonta n. gen. Stanton, T. W. 1191.
 chopi Tectospira ; Picard, E. 1086.
 cilicianum Cardium ; Toula, F. 1213.
 cinctatus Chonetes ; Herzer, H. 882.
 cinctuta Trigonina ; Etheridge, R. jun. 814.
 circularis Platyceras ; Greene, G. K. 856.
 circulus Megistocrinus ; Greene, G. K. 856.
 cirrhosoides Otolithus ; Schubert, R. J. 1158.
 clarkei Thamnocladus ; White, D. 1255.
 clarkii Synechodus ; Eastman, C. R. 806.
 claytoni Acrotreta ; C. D. 1237.
 clementianus Olcostephanus ; Bogoslovskij, N. A. 715.
 coalescens Ceratocephala ; Van Ingen, G. 1222.
 cognata Goniophora ; Drevermann, F. 795.
 collatum Heliophyllum ; Greene, G. K. 856.
 columbiense Cyrtoceras ; Herzer, H. 882.
 columnnaus Loxonema ; Picard, E. 1086.
 colusaëense Desmoceras ; Anderson, F. M. 677.
 cometa Pontobdelloopsis ; Ruedemann, R. 1127.
 communis Cyclus ; Rogers, A. F. 1123.
 compactus Otolithus ; Schubert, R. J. 1158.
 compressum Acanthoceras ; Anderson, F. M. 677.
 concava Plectofrondicularia ; Liebus, A. 981.
 concava Undularia ; Picard, E. 1086.
 concentrica Acrotreta ; Walcott, C. D. 1237.
 condoni Scaphites ; Anderson, F. M. 677.
 condoniana Anchura ; Anderson, F. M. 677.
 confluens Celastrus ; Knowlton, F. H. 952.
 conglomerata Ceratopora ; Greene, G. K. 856.
 conica Mucronella ; Maplestone, C. M. 1019.
 coniferum Blothrophyllum ; Greene, G. K. 856.
 conigerum Heliophyllum ; Greene, G. K. 856.
 conradi Callianassa ; Pilsbry, H. A. 1087.
 constricta Brissopsis ; Gauthier, V. 842.
 conula Acrotreta ; Walcott, C. D. 1237.
 convergens n. var. Dalmanites stemmatus ; Clarke, J. M. 755.
 convexa Acrotreta ; Walcott, C. D. 1237.
 convexus Hypsaster ; Gauthier, V. 842.
 copei Myalina ; Whitfield, R. P. 1259.
 corii Otolithus ; Schubert, R. J. 1158.
 cornucopiae Bollia ; Ruedemann, R. 1128.
 cornuta n. var. Ctenobolbina ciliata ; Ruedemann, R. 1127.
 correlator Phacops ; Clarke, J. M. 755.
 corrugatus Proetus ; Van Ingen, G. 1222.
 cotteai Orthechinus ; Gauthier, V. 842.
 crassifolia Juglans ; Knowlton, F. H. 952.
 crassissimus Limax ; Jooss, C. 929.
 crassula Cribrilina ; Ulrich, E. O. 1219.
 crataegifolium Rulac ; Knowlton, F. H. 952.
 credneri Temnotropis ; Picard, E. 1086.
 credneriana Holasteropsis ; Elbert, J. 810.
 crenatus Carpolithes ; Engelhardt, H. 812.

- crenistriata* Megamblonia; Clarke, J. M. 755.
crenulatum Mortonicerus; Anderson, F. M. 677.
crescens Cyrtoceras; Herzer, H. 882.
cretacea Daemonehelix; Elbert, J. 810.
cretacea Ditremaria (?); Etheridge, R. jun. 814.
cretacea Stenopteris (?); Hollick, A. 894.
cruralis Procerosaurus; Huene, F. von. 907.
Crurosaurus n. gen. Huene, F. von. 907.
cryptata Juglans; Knowlton, F. H. 952.
Clenoceras n. gen. Huene, F. von. 907.
cucullatus Nucleocrinus; Greene, G. K. 856.
cucurtense Cardium (?); Andrusov, N. 682.
curtus Zaphrentis; Greene, K. 856.
curvata Acrotreta; Walcott, C. D. 1237.
curvatum Chonophyllum; Herzer, H. 882.
curvatus Platytrochus; Dennant, J. 780.
Cyanaretus n. gen. Matthew, W. D. 1029.
cylindrica Micromelania (?); Lörenthey, E. 983.
cylindricum Chonophyllum; Herzer, H. 882.
cylindricus Trypanostylus; Picard, E. 1086.
Cyrtostropha n. gen. Donald, J. 788.
cystoides Favosites; Herzer, H. 882.
cystoides Romingeria; Greene, G. K. 856.
danica Avicula; Ravn, J. P. J. 1103.
danica Cinulia; Ravn, J. P. J. 1104.
danica Dorypyge; Grönwall, K. A. 859.
dayana Betula (?); Knowlton, F. H. 952.
dayana Quercus; Knowlton, F. H. 952.
dayana Salix; Knowlton, F. H. 952.
danicus Spondylus; Ravn, J. P. J. 1103.
decurrens Microblastidium; Schrammen, A. 1157.
decussatus Ctenicanthus; Eastman, C. R. 804.
deecke Gervilleia; Frech, F. 828.
definita Acrotreta; Walcott, C. D. 1237.
deichmülleri Thaumaturus; Laube, G. C. 970.
delicata Crania; Greene, G. K. 856.
delicatus n. var. Spirifer lateralis; Greene, G. K. 856.
dennanti Cardita; Basedow, H. 691.
dennanti Porella; Maplestone, C. M. 1019.
densleonis Rhynchonella; Anderson, F. M. 677.
depereti Ursavus; Schlosser, M. 1151.
depressa Crania; Greene, G. K. 856.
depressa Neritaria; Picard, E. 1086.
depressus Agraulos; Grönwall, K. A. 859.
depressus Aorocrinus; Greene, G. K. 856.
depressus Otolithus; Schubert, R. J. 1158.
desmatum Diaphorostoma; Clarke, J. M. 755.
destructus Esox; Laube, G. C. 970.
devolutus Hemiaster; Gauthier, V. 842.
diabloënsis Schlüteria; Anderson, F. M. 677.
diademata Tretaspis; Ruedemann, R. 1128.
diagonale Eudictyon; Schrammen, A. 1157.
dianthus Eurychilina; Ruedemann, R. 1128.

- dichotoma* Typholopseura; Schrammen, A. 1157.
difficile Loxonema; Sardeson, F. W. 1138.
dignatus Celastrus; Knowlton, F. H. 952.
dilleri Desmoceras; Anderson, F. M. 677.
discordeum Cystiphyllum; Herzer, H. 882.
distans Stematopteris; Herzer, H. 881.
divaricata Buthotrephis; White, D. 1257.
diversum Cystiphyllum; Greene, G. K. 856.
Doliovertebra n. gen. Huene, F. von. 907.
dollfusi Clava; Hoernes, R. 890.
dombra Cardium; Andrusov, N. 682.
douvillei Hypsaster; Gauthier, V. 842.
douvillei Opissaster; Gauthier, V. 842.
douvillei Pericosmus; Gauthier, V. 842.
dubia Naticopsis; Greene, G. K. 856.
dubius Lobocrinus; Rowley, E. R. 1126.
dubius Otolithus; Schubert, R. J. 1158.
dudleyensis Murchisonia; Donald, J. 788.
dunensis Rhynchonella; Drevermann, F. 795.
dumosa Cavarina; Ulrich, E. O. 1219.
dunensis Cyrtodonta; Drevermann, F. 795.
duriuscula Quercus; Knowlton, F. H. 952.
dux Undularia; Picard, E. 1086.
ebsensis Pholadomya; Etheridge, R., jun. 814.
egeranus Prolebias; Laube, G. C. 970.
eifelensis Uncinulus; Drevermann, F. 795.
elegans Balantionella; Schrammen, A. 1157.
elegans Pteraulima; Casey, T. L. 744.
elegans Scalaria; Ravn, J. P. J. 1104.
elegans Stropheodonta; Drevermann, F. 795.
elliptica Diospyros; Knowlton, F. H. 952.
ellipticum Cranoceras (?); Greene, G. K. 856.
ellipticus Hamites; Anderson, F. M. 677.
elongata Ctenodonta; Maurer, F. 1033.
elongata Loxonema; Pickard, E. 1086.
Elosaurus n. gen. Peterson, O. A. and Gilmore, C. W. 1084.
Enallophyllum n. gen. Greene, G. K. 856.
enormia Aulacophyllum; Herzer, H. 882.
ensiformis Modiola; Etheridge, R. jun. 814.
Eopolychaetus n. gen. Ruedemann, R. 1127.
Eosiren n. gen. Andrews, C. W. 679.
Epitornoceras n. gen. Frech, G. 827.
ernesti Pleurotoma; Toula, F. 1213.
eruciformis Scaphites; Etheridge, R. jun. 814.
Eubrochis n. gen. Schrammen, A. 1157.
Eudictyon n. gen. Schrammen, A. 1157.
Eunoa n. gen. Clarke, J. M. 754.
Eurycervix n. gen. Huene, F. von. 907.
exaratus Agnostus; Grönwall, K. A. 859.
excavata Trypocella; Maplestone, C. M. 1018.
excentricum Aulacophyllum; Herzer, H. 882.
excissus Otolithus; Schubert, R. J. 1158.
exilis Ceratotrochus; Dennant, J. 780.

<i>exilis</i>	<i>Leptodomus</i> ; Drevermann, F. 795.	<i>flabellata</i>	<i>Ceratopora</i> ; Greene, G. K. 856.
<i>expansum</i>	<i>Cystiphyllum</i> ; Greene, G. K. 856.	<i>flabellata</i>	<i>Schizoporella</i> ; Maplestone, C. M. 1018.
<i>expansus</i>	<i>Olcostephanus</i> ; Bogoslovskij, N. A. 715.	<i>Fontannesia</i>	n. gen. Buckman, S. S. 732.
<i>eyrei</i>	<i>Rhynchonella</i> ; Etheridge, R. jun. 814.	<i>forfex</i>	n. var. <i>Agnostus cicer</i> ; Grönwall, K. A. 859.
<i>eyrensis</i>	<i>Glycimeris</i> ; Etheridge, R. jun. 814.	<i>formosensis</i>	<i>Cellepora</i> ; Newton, R. B. and Holland, P. 1050.
<i>eyrensis</i>	<i>Modiola</i> ; Etheridge, R. jun. 814.	<i>formosus</i>	<i>Cladodus</i> ; Hay, O. P. 800.
<i>facetum</i>	<i>Gomphoceras</i> ; Greene, G. K. 856.	<i>formosus</i>	<i>Erismacanthus</i> ; Eastman, C. R. 803.
<i>fairbanksi</i>	<i>Baculites</i> ; Anderson, F. M. 677.	<i>fragaria</i>	<i>Macronotella</i> ; Ruedemann, R. 1128.
<i>falcata</i>	<i>Laxonema</i> ; Picard, E. 1086.	<i>fragile</i>	<i>Limnocardium</i> ; Lörenthey, E. 983.
<i>fasciatum</i>	<i>Hammatoceras</i> ; Janensch, W. 920.	<i>fragile</i>	<i>Plectodermatium</i> ; Schrammen, A. 1157.
<i>fascigera</i>	<i>Stropheodonta</i> ; Drevermann, F. 795.	<i>francisci</i>	<i>Pleurotoma</i> ; Toulou, F. 1213.
<i>fausta</i>	<i>Cryptonella</i> (?); Clarke, J. M. 755.	<i>fraxinoidea</i>	<i>Phyllites</i> ; Engelhardt, H. 812.
<i>faxense</i>	<i>Cerithium</i> ; Ravn, J. P. J. 1104.	<i>fritschi</i>	<i>Doliovertebra</i> ; Huene, F. von. 907.
<i>faxensis</i>	<i>Avicula</i> ; Ravn, J. P. J. 1103.	<i>fritschi</i>	<i>Rhabdoconcha</i> ; Picard, E. 1086.
<i>faxensis</i>	<i>Crassatella</i> ; Ravn, J. P. J. 1103.	<i>fritschi</i>	<i>Worthenia</i> ; Picard, E. 1086.
<i>faxensis</i>	<i>Fusus</i> ; Ravn, J. P. J. 1104.	<i>Fritschia</i>	n. gen. Picard, E. 1086.
<i>faxensis</i>	<i>Isocardia</i> ; Ravn, J. P. J. 1103.	<i>fritschii</i>	<i>Leuciscus</i> ; Laube, G. C. 970.
<i>faxensis</i>	<i>Pleurotoma</i> ; Ravn, J. P. J. 1104.	<i>frontosa</i>	n. var. <i>Agnostus lens</i> ; Grönwall, K. A. 859.
<i>faxensis</i>	<i>Voluta</i> ; Ravn, J. P. J. 1104.	<i>fuchsi</i>	<i>Otolithus</i> ; Schubert, R. J. 1158.
<i>fenestratum</i>	<i>Cerithium</i> ; Ravn, J. P. J. 1104.	<i>fuchsi</i>	<i>Planorbis</i> ; Lörenthey, E. 983.
<i>fenestratum</i>	<i>Tritonium</i> ; Ravn, J. P. J. 1104.	<i>furcifer</i>	<i>Capromeryx</i> ; Matthew, W. D. 1032.
<i>fenestratus</i>	<i>Pecten</i> ; Ravn, J. P. J. 1103.	<i>gabbi</i>	<i>Hoploparia</i> ; Pilsbry, H. A. 1087.
<i>flosa</i>	<i>Goniospira</i> ; Donald, J. 788.	<i>gabbi</i>	<i>Nautilus</i> ; Anderson, F. M. 677.
<i>flosus</i>	<i>Turrilepas</i> (?); Ruedemann, R. 1127.	<i>gabbi</i>	<i>Schloenbachia</i> ; Anderson, F. M. 677.
<i>finlandensis</i>	<i>Obolus</i> ; Walcott, C. D. 1237.	<i>gabbiana</i>	<i>Mactra</i> ; Anderson, F. M. 677.

- gaudryi* Promepithis; Schlosser, M. 1151.
gaudryi Trochanterium; Huene, F. von. 907.
gautieri Lampra; Bruyant. 731.
gemmoides Otolithus; Schubert, R. J. 1158.
ghiaivanensis Euspatangus; Gauthier, V. 842.
gidleyi Dinocyon; Matthew, W. D. 1026.
gigantea Berberis (?); Knowlton, F. H. 952.
giganteus Holorhynchus; Kiaer, J. 941.
gigas Acer; Knowlton, F. H. 952.
gillisi Scaphites; Anderson, F. M. 677.
girvanense Palaeoschisma; Donald, J. 788.
glaber Stenosteus; Dean, B. 772.
glabra Chondrodonta; Stanton, T. W. 1101.
glabra Fasciolaria; Ravn, J. P. J. 1104.
glaciana Gervilleia; Frech, F. 828.
globiceps Liostracus; Grönwall, K. A. 859.
globuliformis Cypraea; Ravn, J. P. J. 1104.
Goniospira n. gen. Donald, J. 788.
gouldii Bakewellia; Beede, J. W. 701.
grabaui Enallophyllum; Greene, G. K. 856.
gracia Acrotreta; Walcott, C. D. 1237.
gracile Moeritherium; Andrews, C. W. 679.
gracilior Hederella; Clarke, J. M. 755.
gracilis Lepidocottus; Laube, G. C. 970.
gracilis Otolithus; Schubert, R. J. 1158.
gracilis Papyrotheca; Lörenthey, E. 983.
gradatum Protamusium (?); Etheridge, R. jun. 814.
granulata Rhabdocidaris; Gauthier, V. 842.
granulosus Cyathocrinus; Rowley, R. R. 1126.
greenei Blothrophyllum; Greene, G. K. 856.
griesbachi Phyllothea; Zeiller, R. 1309.
grimmi Stenoplesictis(?); Schlosser, M. 1151.
grindrodi Acanthopleurella; Groom, T. T. 862.
grossouvrei Echinolampas; Gauthier, V. 842.
haddeni Acrostichum; Hollick, A. 894.
halavátsi Limnocardium; Lörenthey, E. 983.
Halimedes n. gen. Lorenz, J. [P.] 992.
halli Ceratotrochus; Dennant, J. 780.
hammelli Heliophyllum; Greene, G. K. 856.
harshbargeri Ceriocrinus; Beede, J. W. 702.
hastatus Ampyx; Ruedemann, R. 1128.
hastatus Platytrochus; Dennant, J. 780.
hemphilli Terebratalia; Dall, W. H. 768.
henleyensis Pachydiscus; Anderson, F. M. 677.
herbichi Arietites; Uhlig, V. 1218.
hermani Parasmilia; Dennant, J. 780.
heteromorpha Betula; Knowlton, F. H. 952.
hexagonalis Andreaea; Schrammen, A. 457.
hians Bellerophon; Drevermann, F. 795.
hilberi Congeria; Hoernes, R. 889.
hillsianum Polystichum; Hollick, A. 894.
hindi Coelacanthus; Wellburn, E. D. 1250.
hipparionyx Phylloides; Eastman, C. R. 806.
hispida Schizoporella; Maplestone, C. M. 1018.
hoheneggeri Hoplites; Uhlig, V. 1217.

- Holasteropsis* n. gen. Elbert, J. 810.
- Holotrochus* n. gen. Dennant, J. 780.
- holleri* Clava; Hoernes, R. 890.
- Holorhynchus* n. gen. Kiaer, J. 941.
- horizontalis* *Spiriferina*; Greene, G. K. 856.
- hudsonica* *Chonetes*; Clarke, J. M. 755.
- hudsonica* *Cordania*; Clarke, J. M. 755.
- hudsonica* *Cyphaspis*; Ruedemann, R. 1128.
- hungaricus* *Megalosaurus*; Nopcsa, F. 1055.
- hystericoides* *Hoplites*; Uhlig, V. 1217.
- idahoensis* *Acrotreta*; Walcott, C. D. 1237.
- illustrans* *Sardinioides*; Woodward, A. S. 1291.
- illyrica* *Pseudomonotis*; Bittner, A. 711.
- imitator* *Nucleocrinus*; Greene, G. K. 856.
- imparilis* *Crataegus*; Knowlton, F. H. 952.
- incrustans* *Kentrosia*; Schrammen, A. 1157.
- incudifera* *Cellaria*; Maplestone, C. M. 1018.
- incurva* *Aucella*; Etheridge, R. jun. 814.
- indicus* *Cardiocarpus*; Zeiller, H. 1309.
- inermis* *Scaphites*; Anderson, F. M. 677.
- inexpectans* *Phyllites*; Knowlton, F. H. 952.
- inflata* *Biloculina*; Wright, J. 1298.
- inflatus* n. var. *Megistocrinus expansus*; Greene, G. K. 856.
- inflatus* n. var. *Nucleocrinus verneuili*; Greene, G. K. 856.
- inflexus* *Zaphrentis*; Greene, G. K. 856.
- infundibulum* *Chonophyllum*; Greene, G. K. 856.
- inostranzevi* *Mactra*; Andrusov, N. 682.
- insignis* *Actinopteria*; Clarke, J. M. 755.
- insolens* *Zaphrentis*; Greene, G. K. 856.
- insolitus* *Lobocrinus*; Rowley, R. R. 1126.
- insularis* *Agnostus*; Grönwall, K. A. 859.
- intermedia* *Clessinia* (?); Andrusov, N. 682.
- irideum* *Epitornoceras*; Frech, F. 827.
- irregularis* *Mucronella*; Maplestone, C. M. 1019.
- isoteloides* *Gomphoceras*; Herzer, H. 882.
- jacksonense* *Lytoceras*; Anderson, F. M. 677.
- jägeri* *Mustela* (?); Schlosser, M. 1151.
- japodica* *Avicula*; Bittner, A. 711.
- joannense* *Desmophyllum*; Dennant, J. 780.
- johnstrupi* *Ptychoparia*; Grönwall, K. A.
- kanepanensis* *Hemiaster*; Gauthier, V. 842.
- kansasensis* *Allorisma*; Beede, J. W. 702.
- karelini* *Cardium*; Andrusov, N. 682.
- Keeneia* n. gen. Etheridge, R., jun. 815.
- kellermaniana* *Protoptoris*; Herzer, H. 881.
- Kentrosia* n. gen. Schrammen, A. 1157.
- kentuckyensis* *Thecia*; Herzer, H. 882.
- kepleri* *Selenosteus*; Dean, B. 772.
- kerenskianus* *Ammomites*; Bogoslovskij, N. A. 715.
- keyserlingii* *Campophyllum*; Lebedev, N. 973.
- kinkelini* *Ficus*; Engelhardt, H. 812.
- kitsoni* *Lekythopora*; Maplestone, C. M. 1019.
- kittli* *Otolithus*; Schubert, R. J. 1158.
- kjerulfi* *Barrandella*; Kiaer, J. 941.

- klamathensis *Inoceramus*; Anderson, F. M. 677.
 klamathensis *Scaphites*; Anderson, F. M. 677.
 knighteni *Schloenbachia*; Anderson, F. M. 677.
 koeneni *Ctenosaurus*; Huene, F. von. 907.
 koeneni *Turritella* (?); Picard, E. 1086.
 kokeni *Delphinula*; Picard, E. 1086.
 kokeni *Loxonema*; Picard, E. 1086.
 kokeni *Otolithus*; Schubert, R. J. 1158.
 konschineri *Cardium*; Andrusov, N. 682.
 kossmati *Avicula*; Bittner, A. 711.
 krambergeri *Hydrobia*; Lörenthey, E. 983.
 kumuchicum *Cardium*; Andrusov, N. 682.
 kutorgai *Actinotreta*; Walcott, C. D. 1237.
 labiosa *Lepralia*; Ulrich, E. O. 1219.
 laevis *Grammysia*; Drevermann, F. 795.
 laevis *Mylagaulus*; Matthew, W. D. 1030.
 laevis *Worthenia*; Picard, E. 1086.
 lamasteri *Zaphrentis*; Greene, G. K. 856.
 lamberti *Epiaster*; Gauthier, V. 842.
 lata *Pinna*; Beede, J. W. 702.
 laticauda *Chondrostoma*; Laube, G. C. 970.
 latidentatus *Vulpes*; Cope, E. D. 758.
 latobica *Gervillea*; Bittner, A. 711.
 latum *Chelyzoon*; Huene, F. von. 907.
 laubei *Gelocus*; Schlosser, M. 1152.
 lecanoideum *Cardium*; Andrusov, N. 682.
 lecontei *Desmoceras*; Anderson, F. M. 677.
 lecontei *Pyramidula*; Stearns, R. E. C. 1194.
 leidy *Brontotherium*; Osborn, H. F. 1071.
Leiostracosia n. gen. Schrammen, A. 1157.
 lejanus *Olcostephanus*; Bogoslovskij, N. A. 715.
 lemoni *Crania*; Greene, G. K. 856.
 lens *Agnostus*; Grönwall, K. A. 859.
 lentiformis *Meristella*; Clarke, J. M. 755.
 leptodesma *Pterinea*; Drevermann, F. 795.
 levis *Otolithus*; Schubert, R. J. 1158.
Lianophycus n. gen. Herzer, H. 881.
 lignitica *Tinca*; Laube, G. C. 970.
 limbatus *Cyclus*; Rogers, A. F. 1123.
 linearis n. var. *Taeniopteris coriacea*; Sellards, E. H. 1169.
 linguatus *Remopleurides*; Ruedemann, R. 1128.
 lingula *Agnostus*; Grönwall, K. A. 859.
 linguloideum *Hadrophylum*; Herzer, H. 882.
Linnarssonella n. gen. Walcott, C. D. 1237.
 linnarssoni *Conocoryphe*; Grönwall, K. A. 859.
Liocephalus n. subgen. Grönwall, K. A. 859.
 lipoldi *Ostrea*; Bittner, A. 711.
 liscaviensis *Adeorbis*; Picard, E. 1086.
 liscaviensis *Turritella*; Picard, E. 1086.
 lissoptis *Protorcula*; Picard, E. 1086.
 lomaensis *Haliotis*; Anderson, F. M. 677.
 longaticensis *Modiola*; Bittner, A. 711.
 longiceps *Rhamphorhynchus*; Woodward, A. S. 1285.
 longialata *Limoptera*; Drevermann, F. 795.

- longinodosus* Ctenacanthus; Eastman, C. R. 804.
longitentaculatus Scaphiocrinus; Greene, G. K. 856.
louisvillensis Cystiphyllum; Greene, G. K. 856.
lucasi Ctenacanthus; Eastman, C. R. 804.
Lucya n. gen. Buckman, S. S. 732.
Ludwigella n. gen. Buckman, S. S. 732.
macrodonta Alnus; Knowlton, F. H. 952.
macrognathus Cryptopithecus; Wittich, E. 1276.
macropterygia Tinca; Laube, G. C. 970.
magna Fedaiella; Picard, E. 1086.
magna Neritaria; Picard, E. 1086.
magnifica Orbiculoidea; Clarke, J. M. 754.
major Berycopsis; Woodward, A. S. 1291.
major Gobio; Laube, G. C. 970.
major Sinopa; Wortman, J. L. 1296.
major Sphaerocoryphe; Ruedemann, R. 1128.
majus Brachyprius; Clarke, J. M. 755.
mamillata Schizoperella; Maplestone, C. M. 1018.
marginata Microporella; Maplestone, C. M. 1019.
marlboroensis Cytherella; Ulrich, E. C. 1220.
Maredenius n. gen. Wellburn, E. D. 1249.
marshi Acanthodes; Eastman, C. R. 804.
marshi Megacerops; Osborn, H. F. 1071.
marshi Stegosaurus; Lucas, F. A. 995.
marylandica Cythere; Ulrich, E. O. 1220.
marylandica Platidia; Clark, W. B. 752.
marylandicus Carpolithus; Hollick, A. 896.
marylandicus Paracyathus; Vaughan, T. W. 1224.
matutina Cyphaspis; Ruedemann, R. 1128.
mawsoni Megalurus; Woodward, A. S. 1286.
medianum Acer; Knowlton, F. H. 952.
mediosulcatum Cardium; Basedow, H. 691.
medius Limnocyon; Wortman, J. L. 1296.
merriami Acer; Knowlton, F. H. 952.
merriami Pachydiscus; Anderson, F. M. 677.
merriami Prunus (?); Knowlton, F. H. 952.
merriami Quercus; Knowlton, F. H. 952.
merriami Sapindus; Knowlton, F. H. 952.
michaelis Hoplites; Uhlig, V. 1217.
michalskii Olcostephanus; Bogoslovskij, N. A. 715.
Microblastidium n. gen. Schrammen, A. 1157.
milthersii Ancilla; Ravn, J. P. J. 1104.
minimum Limnocardium; Lörenthey, E. 983.
Mimomys n. gen. Major, C. I. F. 1011.
minor Acer; Knowlton, F. H. 952.
minor Atollites; Maas, O. 1007.
minor Sinopa; Wortman, J. L. 1296.
minutissima Bulimina; Wright, J. 1298.
minutissima Porella; Maplestone, C. M. 1019.
minutus Cyclus; Rogers, A. F. 1123.
miqueli Shumardia; Pompeckj, J. F. 1090.
miserabilis Mactra; Andrusov, N. 682.
missouriensis n. var. Acrotreta microscopica; Walcott, C. D. 1237.
mixta Salix; Knowlton, F. H. 952.
modesta Cribrilina; Ulrich, E. O. 1219.
mokschenis Olcostephanus; Bogoslovskij, N. A. 715.

- moltkianum** Cerithium; Ravn, J. P. J. 1104.
mooraboolensis Lekythopora; Maplestone, C. M. 1019.
morgani Cionobrisseus; Gauthier, V. 842.
morgani Conoclypeus; Gauthier, V. 842.
morgani Discoides; Gauthier, V. 842.
morgani Hemiasster; Gauthier, V. 842.
morgani Rhabdocidaris; Gauthier, V. 842.
morgani Stenonia; Gauthier, V. 842.
morningtoniensis Lagenipora; Maplestone, C. M. 1019.
mortoni Callianassa; Pilsbry, H. A. 1087.
mühlbergii Diplopore; Lorenz, T. 991.
multicirrata Cannostomites; Maas, O. 1007.
multicosta Schloenbachia; Anderson, F. M. 677.
multicostata Fiitschia; Picard, E. 1086.
multicrenatum Cystiphyllum; Greene, G. K. 856.
munieri Pycnodus; Priem, F. 1101.
musteloides Paracynodon; Schlosser, M. 1151.
Myogramma n. gen. Maas, O. 1007.
nana n. var. Agnostus lundgreni; Grönwall, K. A. 859.
nanus Ceratopora; Greene, G. K. 856.
Nathorstella n. gen. Kayser, E. 924.
neglectus Castor; Schlosser, M. 1151.
neglectus Pachycynodon; Schlosser, M. 1151.
Neoinoceramus n. gen. Ihering H. von. 910.
nepos n. var. Paradoxides sjögreni; Grönwall, K. A. 859.
neptuni Zaphrentis; Herzer, H. 882.
neritzensis Olcostephanus; Logoslovskij, N. A. 715.
newberryi Ulmus; Knowlton, F. H. 952.
newlini Buthotrephis; White, D. 1257.
niagarensis Ampyx; Van Ingen, G. 1222.
nikitini Cardium; Androsof, N. 682.
nitidissima Schizoporella; Maplestone, C. M. 1018.
nodosum Lindigia (?); Anderson, F. M. 677.
nodulata Ceratocephala; Van Ingen, G. 1222.
nodulosus Iraniasster; Gauthier, V. 842.
nordenskiöldi Avicula; Kayser, E. 934.
novakovskii Cardium; Andrusov, N. 682.
obliqua Eurychilina; Ruedemann, R. 1128.
obrotundata Avicula; Maurer, H. 1033.
obrotundata Myalina; Maurer, F. 1033.
obscura Aclisina; Donald J. 788.
obscurus Zaphrentis; Greene, G. K. 856.
obsoleta Acidapsis; Van Ingen, G. 1222.
obtruncata Tinca; Laube, G. C. 969.
ohioense Arcuaceras; Herzer, H. 882.
oklahomaensis Conocardium; Beede, J. W. 701.
oldhamia Araucarites; Zeiller, H. 1309.
onondagaensis Macrochilina; Clarke, J. M. 753.
oolithica Turritella (?); Picard, E. 1086.
ophirensis Acrotreta; Walcott, C. D. 1237.
oppenheimi Congeria; Hoernes, R. 889.
ordovix Cyrtostropha; Donald, J. 788.
oregonensis Schloenbachia; Anderson, F. M. 677.

- oregoniana *Hicoria* (?) ; Knowlton, F. H. 952.
 oregoniana *Laurus* ; Knowlton, F. H. 952.
 oregoniana *Myrica* ; Knowlton, F. H. 952.
 oregoniana *Quercus* ; Knowlton, F. H. 952.
 oregonianum *Acer* ; Knowlton, F. H. 952.
 oregonianus *Phyllites* ; Knowlton, F. H. 952.
 oregonianus *Sapindus* ; Knowlton, F. H. 952.
 oriens *Dorypyge* ; Grönwall, K. A. 859.
 oriskania *Leptostrophia* ; Clarke, J. M. 755.
 ornatus *Trachichthyoides* ; Woodward, A. S. 1291.
 osborni *Dolichorhynchops* ; Williston, S. W. 1271.
 osiliense *Hexameroceras* ; Jaekel, O. 914.
 osmonti *Acer* ; Knowlton, F. H. 952.
 ososkovi *Mactra* ; Andrusov, N. 682.
Ottokaria n. gen. Zeiller, R. 1309.
 otwayensis *Porella* ; Maplestone, C. M. 1019.
 ovalis *Acrotreta* ; Walcott, C. D. 1237.
 ovalis *Schizoporella* ; Maplestone, C. M. 1018.
 ovata *Actaeonina* ; Picard, E. 1086.
Pachylepisma n. gen. Schrammen, A. 1157.
 pachypyphyllum *Liquidambar* ; Knowlton, F. H. 952.
 pacificus *Pectunculus* ; Anderson, F. M. 677.
 packardi *Cyclus* ; Rogers, A. F. 1123.
Palaeodictyota n. gen. Whitfield, R. P. 1262.
Palaeoschisma n. gen. Donald, J. 788.
 paniensis *Mylagaulus* ; Matthew, W. D. 1030.
 papilliformis *Schizotreta* ; Ruedemann, R. 1127.
Paragelocus n. gen. Schlosser, M. 1151.
 parallelum *Gomphoceras* ; Herzer, H. 882.
 paraplesius *Hoplites* ; Uhlig, V. 1217.
 parilis *Bythocypris* ; Ulrich, E. O. 1220.
 parthicus *Hemiasster* ; Gauthier, V. 842.
 parva *Elosaurus* ; Peterson, O. A. and Gilmore, C. W. 1084.
 parva *Orbiculoides* ; Greene, G. K. 856.
 parva *Temnotropis* ; Picard, E. 1086.
 parvicostatus *Productus* ; Greene, G. K. 856.
 parvus *Eretmocrinus* (?) ; Rowley, R. R. 1126.
 patagonica *Crania* ; Dall, W. H. 768.
 patulum n. var. *Liquidambar europaeum* ; Knowlton, F. H. 952.
 paucicostata *Fritschia* ; Picard, E. 1086.
Pectenosauros n. gen. Huene, F. von. 907.
 perarcuata *Cytheridea* ; Ulrich, E. O. 1220.
 peregrinus *Uncinulus* ; Drevermann, W. 795.
 perisphinctoides *Hoplites* ; Uhlig, V. 1217.
 perlamellosum *Cystiphyllum* ; Herzer, H. 882.
 permarginatus *Cyclus* ; Rogers, A. F. 1123.
 perplexa *Salix* ; Knowlton, F. H. 952.
 perrini *Scaphites* ; Anderson, F. M. 677.
 perrugata n. var. *Agnostus fissus* ; Grönwall, K. A. 859.
 persicus *Schizaster* ; Gauthier, V. 842.
 personata *Myrica* (?) ; Knowlton, F. H. 952.
 personata *Mucronella* ; Maplestone, C. M. 1019.

- personatus* Phyllites ; Knowlton, F. H. 952.
persulcatus Belemnites ; Janensch, W. 920.
petschorensis Olcostephanus ; Bogoslovskij, N. A. 715.
phoenixensis Hamites ; Anderson, F. M. 677.
pikensis Spirifer ; Rowley, R. R. 1126.
pinguis Turritoma ; Donald, J. 788.
pisum Mactra ; Andrusov, N. 682.
pisum Plectambonites ; Ruedemann, R. 1128.
Placochelys n. gen. Jaekel, O. A. 917.
placodonta Placochelys ; Jaekel, O. 917.
plana Congeria ; Lörenthey, E. 983.
platyrrhinus Liostracus ; Grönwall, K. A. 859.
platyschismoides Keeneia ; Etheridge, R. jun. 815.
Plectodermatium n. gen. Schrammen, A. 1157.
Plectofrondicularia n. gen. Liebus, A. 981.
plenus Otolithus ; Schubert, R. J. 1158.
plicata Procurete ; Schrammen, A. 1157.
plicatus Pterophycus ; Herzer, H. 881.
polejaevi Clessinia (?) ; Andrusov, N. 682.
polita Turritoma ; Donald, J. 788.
polonica Pomatias ; Lomnicki, A. 985.
polyfrons Lianophycus ; Herzer, H. 881.
polyopesia n. gen. Schrammen, A. 1157.
Polyphyma n. gen. Groom, T. 863.
polyspermus Carpolithes ; Engelhardt, H. 812.
Pontobdellopsis n. gen. Ruedemann, R. 1127.
porcellanea Planorbis ; Lörenthey, E. 983.
postumus Eurycervix ; Huene, F. von. 907.
praecedens Goniophora ; Drevermann, F. 795.
praecursor Agaricocrinus ; Rowley, R. R. 1126.
praecursor Amphicyon ; Schlosser, M. 1151.
praecursor Daudebardia ; Andreae, A. 678.
praecursor Totanus ; Laube, G. C. 970.
praedensa Echinolampas ; Gauthier, V. 842.
praenuntius Flemingites ; Frech, F. 826.
preschenensis Trionyx ; Laube, G. C. 969.
prinaea Acrotreta ; Walcott, C. D. 1237.
primaevus Lepus ; Schlosser, M. 1151.
primulafontensis Mytilus ; Etheridge, R. jun. 814.
princeps Protothymallus ; Laube, G. C. 970.
prior Neritaria ; Picard, E. 1086.
priscus Plesiosaurus ; Huene, F. von. 907.
problematicus Crurosaurus ; Huene, F. von. 907.
problematicus Dipoides ; Schlosser, M. 1151.
proboscoides Mucronella ; Maplestone, C. M. 1019.
Procerosaurus n. gen. Huene, F. von. 907.
Procurete n. gen. Schrammen, A. 1157.
prostratum Cystiphyllum ; Herzer, H. 882.
proteus Pterinopecten ; Clarke, J. M. 755.
Protothymallus n. gen. Laube, G. C. 790.
pseudo-argentea Salix ; Knowlton, F. H. 952.
pseudoedule Cardium ; Andrusov, N. 682.
Pseudogelocus n. gen. Schlosser, M. 1151.
pseudograssianum Oxynoticeras ; Uhlig, V. 1217.

- pseudotelescopium* Cerithium; Ravn, J. P. J. 1104.
- Pterulima* n. gen. Casey, T. L. 744.
- pterocaryae* Xylomites; Engelhardt, H. 812.
- Pterophycus* n. gen. Herzer, H. 881.
- pulchellus* Prolebias; Laube, G. C. 970.
- pulchra* Chama; Ravn, J. P. J. 1103.
- pulvinata* Schizoporella; Maplestone, C. M. 1018.
- pumilus* Pterinopecten; Clarke, J. M. 755.
- punctata* Leiostracosia; Schrammen, A. 1157.
- punctata* Protercula; Picard, E. 1086.
- pusilla* Leptophragma; Schrammen, A. 1157.
- pusillus* Zaphrentis; Greene, G. K. 856.
- pustulosus* n. var. Lobocrinus? dubius; Rowley, R. R. 1126.
- pygmaeus* Cynodictis; Schlosser, M. 1151.
- quadrangulus* n. var. Holaster planus; Elbert, J. 810.
- quinqueplicata* Volutomitra; Ravn, J. P. J. 1104.
- radiciformis* Polyopesia; Schrammen, A. 1157.
- radiiferum* Cardium; Andrusov, N. 682.
- ramea* Hederella; Clarke, J. M. 755.
- randalli* Prestwichia; Beecher, C. E. 698.
- rarispira* Melanopsis; Lörenthey, E. 983.
- rectangularis* Ctenodonta; Maurer, F. 1033.
- rectangulatus* Olcostephanus; Bogoslovskij, N. A. 715.
- rectilineata* Euchrysalis; Picard, E. 1086.
- rectecostata* Loxonema; Picard, E. 1086.
- recurvus* Hemiaster; Gauthier, V. 842.
- reflexa* Ostrea; Ravn, J. P. J. 1103.
- regularis* Ctenodonta; Maurer, F. 1033.
- resecta* n. var. Agnostus glandiformis; Grönwall, K. A. 859.
- resplendens* Leperditia; Ruedemann, R. 1128.
- reticulatus* Tretaspis; Ruedemann, R. 1128.
- retrorsum* Cystiphyllum; Herzer, H. 882.
- reversa* Lunulites; Ulrich, E. O. 1219.
- rhenana* Dielasma; Drevermann, F. 795.
- rhenanus* Bellerophon; Drevermann, F. 795.
- rhine* Hyolithus; Ruedemann, R. 1128.
- rhinocerus* Ceratogaulus; Matthew, W. D. 1030.
- rhombifolia* Gleichenia; Hollick, A. 894.
- rhomboidalis* Porella; Maplestone, C. M. 1019.
- ribkinianus* Olcostephanus; Bogoslovskij, N. A. 715.
- Riley* n. gen. Huene, F. von. 907.
- rimulata* Membranipora; Ulrich, E. O. 1219.
- robusta* Anemia; Hollick, A. 894.
- robusta* Cellaria; Maplestone, C. M. 1018.
- robusta* Crania; Greene, G. K. 856.
- robusta* Cyrtostropha; Donald, J. 788.
- robusta* Pachylepisma; Schrammen, A. 1157.
- roguensis* Scaphites; Anderson, F. M. 677.
- romanicus* Arietites; Uhlig, V. 1218.
- rotundus* Agnostus; Grönwall, K. A. 859.
- rotundus* Homonotus; Woodward, A. S. 1291.
- rowleyi* Heliophyllum; Greene, G. K. 856.
- rudolfi* Pleurotoma; Toula, F. 1213.

- rugosum** Acrophyllum ; Greene, G. K. 856.
- rugosus** n. var. Acrotreta ophir-
ensis ; Walcott, C. D. 1237.
- sacramenticus** Pachydiscus ; Ander-
son, F. M. 677.
- savini** Pycnodus ; Priem, F. 1101.
- saxatilis** Cyanarctus ; Matthew,
W. D. 1029.
- scabra** Cidaris ; Gauthier, V. 842.
- scanicus** Pterograptus ; Moberg,
J. C. 1045.
- schmalensei** Acrotreta ; Walcott,
C. D. 1237.
- schmalensei** Obolus ; Walcott, C. D.
1237.
- schrammeni** Cyclostoma ; Andreae,
A. 678.
- schrivieri** Thecia ; Herzer, H. 882.
- schucherti** Dielasma ; Beede, J. W.
701.
- schuchertanum** Brachyprion ; Clarke,
J. M. 755.
- schwerdi** Philhedra ; Drevermann,
F. 795.
- scioptychus** Hoplites ; Uhlig, V.
1217.
- scitula** Cyrtostropha ; Donald, J.
788.
- scotti** Paragelocus ; Schlosser, M.
1151.
- scriptus** Holcotrochus ; Dennant, J.
780.
- scrobiculatus** Conocyathus ; Dennant,
J. 780.
- scyphus** Cystiphyllum ; Herzer, H.
882.
- seamani** Favosites ; Greene, G. K.
856.
- seebachi** Acrotreta ; Walcott, C. D.
1237.
- selandicum** Solarium ; Ravn, J. P. J.
1104.
- Selenosteus** n. gen. Dean, B. 772.
- semilunatum** Hammatoceras ; Ja-
nensch, W. 920.
- semiplicata** Nathorstella ; Kayser,
E. 934.
- senonica** Eubrochis ; Schrammen, A.
- senonica** Hexagonaria ; Deecke, W.
776.
- separata** Ceratopora ; Greene, G. K.
856.
- septata** Cystelasma ; Greene, G. K.
856.
- shastalense** Phylloceras ; Anderson,
F. M. 677.
- signalis** Acrotreta ; Walcott, C. D.
1237.
- signatus** Pterinopecten ; Clarke,
J. M. 755.
- silesiaca** Helix ; Andreae, A. 678.
- siluricus** Pollicipes ; Ruedemann, R.
1127.
- simkewici** Cardium ; Andrusov, N.
682.
- simplex** Olcostephanus ; Bogoslov-
skij, N. A. 715.
- simulata** Aesculus ; Knowlton, F. H.
952.
- simus** Hoplopteryx ; Woodward,
A. S. 1291.
- sinapius** Amphicyon ; Matthew,
W. D. 1029.
- sinuata** Oriskania ; Clarke, J. M.
755.
- sinzowi** Melanopsis ; Lörenthey, E.
983.
- siskiyouensis** Gyrodes ; Anderson,
F. M. 677.
- siskiyouensis** Schloenbachia ; Ander-
son, F. M. 677.
- slavonica** Pironaea ; Hilber, V.
883.
- sloliensis** Echinocaris ; Partridge,
E. M. 1079.
- smicra** Cladopora ; Clarke, J. M.
755.
- snivelyi** Cyathocrinus ; Rowley,
R. R. 1126.
- solanoëense** Hamites ; Anderson,
F. M. 677.
- solenoiëides** Planorbis ; Lörenthey,
E. 983.
- solida** Eurychilina (?) ; Ruedemann,
R. 1128.
- solidus** Ctenacanthus ; Eastman, C. R.
804.
- spatulus** Obolus ; Walcott, C. D.
1237.
- speciosa** Modiomorpha ; Drever-
mann, F. 795.

- speciosum Hammatoceras ; Ja-
nensch, W. 920.
- speciosum Myogramma ; Maas, O.
1007.
- sphaeroidica Neritaria ; Picard, E.
1086.
- sphericula Meretrix ; Basedow, H.
691.
- spiculatum Heliophyllum ; Greene,
G. K. 856.
- spiculosa Membranipora ; Ulrich,
E. O. 1219.
- spinus Belemnites ; Janensch, W.
920.
- spinulocervix Cyphaspis ; Van
Ingen, G. 1222.
- spitzbergensis Avicula ; Kayser, E.
934.
- springerae Chara ; Knowlton, F. H.
950.
- stantoni Sonneratia ; Anderson,
F. M. 677.
- steindachneri Alburnus ; Laube,
G. C. 969.
- stellatus Ventriculites ; Schrammen,
A. 1157.
- stemma Dalmanites ; Clarke, J. M.
755.
- stenorrhachis Agnostus ; Grönwall,
K. A. 859.
- Stenosteus* n. gen. Dean, B. 772.
- steenstrupii Pleurotoma ; Ravn,
J. P. J. 1104.
- stichter Nucleocrinus ; Greene,
G. K. 856.
- streptocoelia Vermipora ; Clarke,
J. M. 755.
- striata Turritella ; Picard, E. 1086.
- striatum Eudictyon ; Schrammen, A.
1157.
- striatum Gomphoceras ; Greene,
G. K. 856.
- striatus Homalonotus ; Maurer, L.
1083.
- strunzi Pectenosaurs ; Huene, T.
von. 907.
- stuarti Vanikoropsis (?) ; R. Ethe-
ridge, R., jun. 814.
- stuckenbergi Cyathophyllum ; Lebe-
dev, N. 973.
- stumpeli Guettardia ; Schrammen, A.
1157.
- sturti Delphinula (?) ; Etheridge, R.,
jun. 814.
- stypelia Cladopora ; Clarke, J. M.
755.
- subaequata Bythocypris ; Ulrich,
E. O. 1220.
- subinnulatus Proetus ; Van Ingen,
G. 1222.
- sub-aurita Cytherea (?) ; Etheridge,
R., jun. 814.
- subcaspia Mactra ; Andrusov, N.
682.
- subcirrhosus Otolithus ; Schubert,
R. J. 1158.
- subconicus Holaster ; Gauthier, V.
842.
- subdesertum Limnocardium ; Lören-
they, E. 983.
- subequivalvus Aviculopecten ; Beede,
J. W. 702.
- subgemma Otolithus ; Schubert,
R. J. 1158.
- subglabrum Tritonium ; Ravn,
J. P. J. 1104.
- subgradata Valvata ; Lörenthey, E.
983.
- subgranulata Schizoporella ; Maple-
stone, C. M. 1018.
- sublenticularis Pectunculus ; Ravn,
J. P. J. 1103.
- submarginata Cytherella ; Ulrich,
E. O. 1220.
- submultinervia Taeniopteris ; Sterzel,
J. T. 1198.
- subplana Lepralia ; Ulrich, E. O.
1219.
- subquadratus Desmoceras ; Ander-
son, F. M. 677.
- subradians Glycimeris ; Basedow, H.
691.
- subramosa Fascipora ; Ulrich, E. O.
1219.
- subrectangularis Pterinea ; Drever-
mann, F. 795.
- subrotunda Ctenobolbina ; Ruede-
mann, R. 1127.
- subsimilis Otolithus ; Schubert, R. J.
1158.

- subtzikwinianus* Olcostephanus; Bogoslovskij, N. A. 715.
subviola Deltocyathus; Dennant, J. 780.
suevicus Cervus; Schlosser, M. 1151.
suevicus Julus; Dietlen, R. 786.
suevicus Pseudogelocus; Schlosser, M. 1151.
sulacense Cardium; Andrusov, N. 682.
sulcata n. var. *Acrotreta idahoensis*; Walcott, C. D. 1237.
sulcatus n. var. *Nucleocrinus verneuili*; Greene, G. K. 856.
summiti Marsdenius; Wellburn, E. D. 1249.
superbum Balantium; Fuchs, T. 837.
supercretacea Anemia; Hollick, A. 894.
supracretacea *Nassa* (?); Ravn, J. P. J. 1104.
tatei *Isocardia* (?); Etheridge, R., jun. 814.
tatei *Modiola*; Etheridge, R., jun. 814.
tatei *Pteria*; Etheridge, R., jun. 814.
taurica *Myalina*; Maurer, F. 1033.
tecta *Heteropora* (?); Ulrich, E. O. 1219.
Tectospira n. gen. Picard, E. 1086.
telleri *Anodontophora*; Bittner, A. 711.
telleri *Gyropleura*; Redlich, K. A. 1105.
telleri *Otolithus*; Schubert, R. J. 1158.
tener *Nemachilus*; Laube, G. C. 970.
tennesseensis *Linnarssonella*; Walcott, C. D. 1237.
tenuicarinata *Undularia*; Picard, E. 1086.
tenuicosta *Naticella*; Picard, E. 1086.
teplitiensis *Salmo*; Laube, G. C. 970.
terebrata *Schizoporella*; Maplestone, C. M. 1018.
teres *Conocoryphe*; Grönwall, K. A. 859.
termicameratum *Arcuaceras*; Herzer, H. 882.
terrereginae *Pholadomya*; Etheridge, R., jun. 818.
teschenense *Ptychoceras*; Uhlig, V. 1217.
teschenensis *Hoplites*; Uhlig, V. 1217.
tetonensis n. var. *Acrotecta microscopica*; Walcott, C. C. 1237.
Thamnocladius n. gen. White, D. 1255.
theodori *Pleurotoma*; Toulas, F. 1213.
timanicum *Cyathophyllum*; Lebedev, N. 973.
tinnyeana *Congerina*; Lörentz, E. 983.
tortuosa *Glossopteris*; Zeiller, R. 1309.
Trachichthyoides n. gen. Woodward, A. S. 1291.
transcaspica *Avicula*; Andrusov, N. 682.
transverso-elongata *Ledopsis*; Maurer, F. 1033.
trentonensis *Christiania*; Ruedemann, R. 1128.
triboleti *Lytoceras*; Uhlig, V. 1217.
Trigonopora n. gen. Maplestone, C. M. 1019.
trinacria *Cardium*; Andrusov, N. 682.

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|----------------------|-------------------------------------|------------------------|---|
| <i>triscissus</i> | Belemnites ; Janensch, W. 920. | <i>variabilis</i> | Micromelania ; Lörenthey, E. 983. |
| <i>trisecta</i> | Crossotheca ; Sellards, E. H. 1167. | <i>variabilis</i> | Schizoporella ; Maplestone, C. M. 1018. |
| <i>triseriale</i> | Campanile ; Basedow, E. 691. | <i>varians</i> | Discosparsa ; Ulrich, E. O. 1219. |
| <i>Trochanterium</i> | n. gen. Huene, F. von. 907. | <i>varians</i> | Valvata ; Lörenthey, E. 983. |
| <i>Trypocella</i> | n. gen. Maplestone, C. M. 1018. | <i>vásárhelyii</i> | Unio ; Lörenthey, E. 983. |
| <i>tchernyschewi</i> | Calophyllum ; Lebedev, N. 973. | <i>vascularia</i> | Meristella (?) ; Clarke, J. M. 755. |
| <i>tuberculosa</i> | Porina ; Maplestone, C. M. 1019. | <i>vastitas</i> | Teredo ; Etheridge, R., jun. 818. |
| <i>tufacea</i> | Prunus (?) ; Knowlton, F. H. 952. | <i>velata</i> | Cyathosmilia ; Dennant, J. 780. |
| <i>tumida</i> | Conocoryphe ; Grönwall, K. A. 859. | <i>venustus</i> | Ctenacanthus ; Eastman, C. R. 804. |
| <i>tumidus</i> | Remopleurides ; Ruedemann, R. 1128. | <i>vermicularis</i> | Trigonopora ; Maplestone, C. M. 1019. |
| <i>Typholepleura</i> | n. gen. Schrammen, A. 1157. | <i>vermiculus</i> | Pearonius ; Herzer, H. 881. |
| <i>typicum</i> | Chonophyllum ; Greene, G. K. 856. | <i>vetusta</i> | Palaeomutela (?) ; Kayser, E. 934. |
| <i>uchtente</i> | Cyathophyllum ; Lebedev, N. 973. | <i>vexatilis</i> | Clessinia (?) ; Andrusov, N. 682. |
| <i>ulmi</i> | Phyllerium ; Engelhardt, H. 812. | <i>vexillifer</i> | Leuciscus ; Laube, G. C. 969. |
| <i>ulrichi</i> | Macronotella ; Ruedemann, R. 1128. | <i>vicinus</i> | Gobio ; Laube, G. C. 970. |
| <i>unicornis</i> | Megistocrinus ; Greene, G. K. 856. | <i>virgata</i> | Stropheodonta ; Drevermann, F. 795. |
| <i>ursina</i> | Quercus ; Knowlton, F. H. 952. | <i>vitrellaeformis</i> | Bythinella ; Lörenthey, E. 983. |
| <i>utvensis</i> | Clessinia (?) ; Andrusov, N. 682. | <i>vogdti</i> | Cardium ; Andrusov, N. 682. |
| <i>valamtarensis</i> | Hypsaster ; Gauthier, V. 842. | <i>voyi</i> | Desmoceras ; Anderson, F. M. 677. |
| <i>vallonese</i> | Protocardium ; Redlich, K. A. 1105. | <i>wähneri</i> | Arietites ; Uhlig, V. 1218. |
| <i>van vleeti</i> | Aviculopecten ; Beede, J. W. 701. | <i>walcotti</i> | Leptobolus ; Ruedemann, R. 1127. |
| <i>varia</i> | Cyrtina ; Clarke, J. M. 755. | <i>wardi</i> | Schizoneura ; Zeiller, R. 1309. |
| <i>variabilis</i> | Lophospira ; Donald, J. 788. | <i>weberi</i> | Cyathophyllum ; Lebedev, N. 973. |

welleri	Obolus ; Walcott, C. D. 1237.	wortmani	Paracynodon ; Schlosser, M. 1151.
whiteana	Rhynchonella ; Anderson. F. M. 677.	zaphrentiformis	Bordenia ; Greene, G. K. 856.
whitei	Pleurophorus ; Beede, J. W. 702.	zitteli	Atollites ; Maas, O. 1007.
wieddii	Tilia ; Knowlton, F. H. 949.	zitteli	Diceratherium ; Schlosser, M. 1151.
wilsoni	Thoracoceras ; Clarke, J. M. 753.	zitteli	Hoplites ; Uhlig, V. 1217.
wiśniewskii	Elater ; Łomnicki, J. L. M. 987.	zitteli	Myolagus ; Wittich, E. 1277.
		zitteli	Prososthenia ; Lörenthey, E. 983.

LIST OF NEW GENERA AND SPECIES, MENTIONED IN THE
PREVIOUS VOLUME, BUT NOT MARKED AS NEW.

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|---|---|
| Acanthodes striatus. Wellburn, E. D.
621. | Enchelurus anglicus. Woodward, A. S.
645. |
| Acestrus n. gen. Woodward, A. S.
645. | Enchelurus syriacus. Woodward, A. S.
645. |
| Acestrus ornatus. Woodward, A. S.
645. | Enchodus annectens. Woodward, A. S.
645. |
| Acrognathus libanicus. Woodward,
A. S. 645. | Enchodus pulchellus. Woodward, A. S.
645. |
| Aipichthys velifer. Woodward, A. S.
645. | Eocoelopoma colei. Woodward, A. S.
645. |
| Apateodus n. gen. Woodward, A. S.
645. | Eocottus [type Gobius veronensis
Volta] n. gen. Woodward,
A. S. 645. |
| Apateodus lanceolatus. Woodward,
A. S. 645. | Eothynnus salmoneus. Woodward, A. S.
645. |
| Apateodus striatus. Woodward, A. S.
645. | Esocelops cavifrons. Woodward, A. S.
645. |
| Apateodus type Pachyrhizodus. Wood-
ward, A. S. 645. | Halecopsis (ex Ag.) [type Osmeroides
insignis Delv. Ortl.] n. gen.
Woodward, A. S. 645. |
| Atherina macrocephala. Woodward,
A. S. 645. | Hexapsephus guentheri. Woodward,
A. S. 645. |
| Brychaetus muelleri. Woodward, A. S.
645. | Histiophorus eocenicus. Woodward,
A. S. 645. |
| Chanoides n. gen. Woodward, A. S.
645. | Histiophorus rotundus. Woodward,
A. S. 645. |
| Charitosomus major. Woodward, A. S.
645. | Histiothrissa [type Sardinius macro-
dactylus, v. d. Marck]
n. gen. Woodward, A. S.
645. |
| Cladodus unicuspidatus. Traquair,
R. H. 593. | Ichthyodectes serridens. Woodward,
A. S. 645. |
| Clupea catopygoptera. Woodward, A. S.
645. | Ichthyodectes tenuidens. Woodward,
A. S. 645. |
| Cybium bartonense. Woodward, A. S.
645. | Isurichthys n. gen. Woodward, A. S.
645. |
| Cybium excelsum. Woodward, A. S.
645. | |
| Dinopteryx [type Hoplopteryx spinosus
Davis] n. gen. Woodward,
A. S. 645. | |

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| <i>Isurichthys orientalis.</i> Woodward, A. S.
645. | <i>Sardinoides pusillus.</i> Woodward, A. S.
645. |
| <i>Labrax oeningensis.</i> Woodward, A. S.
645. | <i>Sargus oranensis.</i> Woodward, A. S.
645. |
| <i>Lycoptera sinensis.</i> Woodward, A. S.
645. | <i>Scombramphodon</i> n. gen. Woodward,
A. S. 645. |
| <i>Megalops oblongus.</i> Woodward, A. S.
645. | <i>Scombramphodon crassidens.</i> Wood-
ward, A. S. 645. |
| <i>Megalops priscus.</i> Woodward, A. S.
645. | <i>Scombrinus</i> n. gen. Woodward, A. S.
645. |
| <i>Microcoelia libanica.</i> Woodward, A. S.
645. | <i>Scombrinus nuchalis.</i> Woodward, A. S.
645. |
| <i>Notelops</i> n. gen. Woodward, A. S.
645. | <i>Thrissopater magnus.</i> Woodward, A. S.
645. |
| <i>Omosoma intermedium.</i> Woodward,
A. S. 645. | <i>Thrissopater megalops.</i> Woodward,
A. S. 645. |
| <i>Osmeroides levis.</i> Woodward, A. S.
645. | <i>Urenchelys avus.</i> Woodward, A. S.
645. |
| <i>Pachylebias</i> n. gen. Woodward, A. S.
645. | <i>Dinilysia patagonica.</i> Woodward, A. S.
647. |
| <i>Pachyrhizodus dibleyi.</i> Woodward,
A. S. 645. | <i>Genyodectes serus.</i> Woodward, A. S.
647. |
| <i>Protaulopsis</i> n. gen. Woodward, A. S.
645. | <i>Moeriophis schweinfurthi.</i> Andrews,
C. W. 23. |
| <i>Protaulopsis bolcensis.</i> Woodward,
A. S. 645. | <i>Psephophorus eocaenus.</i> Andrews,
C. W. 23. |
| <i>Rhynchorhinus branchialis.</i> Woodward,
A. S. 645. | <i>Stereogenys cromeri.</i> Andrews, C. W.
23. |
| <i>Rhynchorhinus major.</i> Woodward,
A. S. 645. | <i>Thalassochelys libyca.</i> Andrews, C. W.
23. |
| <i>Sardinoides attenuatus.</i> Woodward,
A. S. 645. | <i>Tomistoma africanum.</i> Andrews, C. W.
23. |

ERRATA IN FIRST ANNUAL ISSUE.

- p. 22, No. 103. For "1901" read "1902."
- p. 24, No. 140. For "Déperret" read "Depéret."
- p. 36, No. 390. After "90.0231 ef" insert "90.2231 ef."
- p. 40, No. 483. After "55.1031 gi" insert "55.0831 gi 55.2231 gi 55.2031 gi."
- p. 42, No. 517. For "(61)" read "(617)."
- p. 47, No. 614. For "Washington. D.C., Proc. Nation. Acad. Sci.," read "Washington, D.C., Proc. Acad. Sci."
- p. 49, No. 653. For "(5-28)" read "(150, 528)."
- p. 61, line 6 in first column. For "Anthropoda" read "Arthropoda."
- p. 61, line 17 from bottom in first column. For "(528)" read "(150, 528)."
- p. 67, after line 27 in second column insert following entry. "gi **Western United States, West of Mississippi.** Bowley, R. R. Two new genera and some new species of fossils from the Upper Palæozoic rocks of Missouri. Amer. Geol., Minneapolis, Minn., **27**, 1901, (343-355, with 1 pl.)."
- p. 68, above line 6 from bottom in second column insert following entry. "**Bowley, R. R.** Fossils from the upper palæozoic rock of Missouri. Amer. Geol., Minneapolis, Minn., **27**, 1901, (343-355, with 1 pl.)."
- p. 68, line 18 in first column. Transfer "**Bowley, R. R., etc.,**" to first entry after gi, 7 lines from bottom in second column.
- p. 69, above line 5 from the bottom in second column insert following entry. "**Bowley, R. R.** . . . Fossils from the upper palæozoic rock of Missouri. Amer. Geol., Minneapolis, Minn., **27**, 1901, (343-355, with 1 pl.)."
- p. 79, line 16 in second column. For "**Woodward, H. Smith**" read "**Woodward, A. Smith.**"
- p. 80, line 14 from bottom in second column. For "1901" read "1902."
- p. 82, line 12 from bottom in second column. For "1901" read "1902."
- p. 85, line 12 from bottom in second column. For "Déperret" read "Depéret."
- p. 85, line 2 in first column. Transfer "**Noetting, etc.,**" to p. 87. Insert after line 6 in second column under ef **British India.**
- p. 96, line 12 in second column. For "Dictyonus" read "Dictyononcus."
- p. 96, line 13 in second column. For "(157)" read "(156)."
- p. 96, line 14 in second column. For "Nummulitides" read "Nummulitidi."

- p. 96, line 17 in second column. Instead of ——— insert "Nummulites."
- p. 96, line 6 from bottom in second column. For "Nummulitides read "Nummulitidi."
- p. 97, line 8 in second column. Transfer "Fenestella torwoodensis, etc.," to **Bryozoa**, UPPER PALAEOZOIC **2031.55** after line 5 in first column on p. 101.
- p. 98, line 21 in first column. Transfer "Cyrtolites bennetti, etc.," to p. 103 in first column between "Conularia, etc., and Euomphalus, etc."
- p. 98, line 24 in first column. Transfer "Dielasma, etc.," to p. 99, second column. Insert between lines 29 and 30.
- p. 98, line 3 from bottom in first column. Transfer "Trigeria, etc.," to p. 100, first column. Insert between Strophomena and Zygospira.
- p. 98, line 6 from bottom in first column. Transfer "Noetlingia, etc.," to second column CRETACEOUS **1031.75** first entry.
- p. 100, line 4 from bottom in second column. For "ciclostomata" read "cyclostomata."
- p. 102, line 12 in second column. Delete entry beginning "Tryonii."
- p. 102, line 15 from bottom in first column. Insert after "sodalis" "tryonii maculata; H. (try.) major; H. (try.) minor."
- p. 103, line 4 in first column. Transfer "Turcica, etc.," to p. 105 second column, between Triton and Turritella.
- p. 106, line 4 in first column. For "(=Canthensis Beyr)." read "(=Canthensis Beyr)."
- p. 103, after line 21 in first column insert following entry. "Cyrtolites bennetti n. sp. **Bowley**, R. R. Amer. Geol. Minneapolis, Minn., **27**, 1901, (343-355, with 1 pl.)."
- p. 108, line 1 in first column. For "Spardylus" read "Spondylus."
- p. 108, line 22 from bottom in second column. For "protoconcomerata" read "protoconcamerata."
- p. 110, line 21 from bottom in first column. Transfer ". muldensis, etc.," and "Kloedenia, etc.," to **2631.50** LOWER PALAEOZOIC, first entries.
- p. 111, line 8 in first column. For "Olenella" read "Olenellus."
- p. 112, line 4 in second column. For "eupterygnis" read "eupterygius."
- p. 112, line 5 in second column. For "microlepsis" read "microlepis."
- p. 112, above line 8 in second column insert following entry. "Pronotacanthus n. gen. **Woodward**, A. S. Cat. Foss. Fish. B.M., **4**, 1901, (169)."
- p. 112, line 13 from bottom in first column. For "Hoploteryx" read "Hoplopteryx."
- p. 112, line 14 in second column. For "Hoploteryx" read "Hoplopteryx."
- p. 112, line 27 in first column. For "Pachyrizodus" read "Pachyrhizodus."

- p. 113, line 9 in second column. For "vermensis" read "veronensis."
- p. 113, lines 16 and 17 in second column. For "salmonens" read "salmoneus."
- p. 114, after line 13 in first column insert following entry. "Protaulopsis n. gen. bolcensis n. sp. Woodward, A. S. Cat. Foss. Fish. B.M., 4, 1901, (371)."
- p. 114, line 17 in first column. After "Rhynchorhinus major" insert "R. branchialis."
- p. 114, line 19 in first column. For "(343)" read "(342, 343)."
- p. 114, line 27 in first column. For "micralis" read "nuchalis."
- p. 114, line 29 in first column. For "(462)" read "(461, 462)."
- p. 114, line 14 in first column. For "Sphyraenoides" read "Sphyaenoides."
- p. 116, line 16 from bottom in second column. For "353-347" read "353-447."
- p. 117, line 18 from bottom in second column. For "Pavlovna" read "Pavlova."
- p. 118, line 1 in first column. For "Panthocops" read "Pantholops."
- p. 118, line 9 in first column. For "Priscalops" read "Proscalops."
- p. 121, line 8 in second column. For "Tetracoralia" read "Tetracorallia."
- p. 121, line 9 from bottom in second column. Transfer "Leptopora," etc. to p. 121 above line 3 in first column.
- p. 121, line 22 from bottom in second column. For "[Blastoidea]" read "[Bellerophonitidea]."
- p. 121, line 20 from bottom in second column. For "Blastoidea" read "Terebratulidae."
- p. 121, line 20 from bottom in second column. Transfer "DIELASMA, etc." to p. 122 after line 4 in second column.
- p. 121, line 22 from bottom in second column. Transfer "CYRTOLITES, etc.," to p. 125. Insert between lines 15 and 16 from bottom in second column.
- p. 122, line 6 in first column. Transfer "TRIGERIA, etc.," to p. 123, after line 10 in second column. Delete "[Blastoidea]."
- p. 122, line 9 from bottom in first column. For "[Rhynconellidae]" read "[Rhynchonellidae]."
- p. 123, line 2 from bottom in first column. For "pseudodiclasma" read "pseudodielasma."
- p. 123, line 13 from bottom in first column. For "SCENIDIUM" read "SKENIDIUM."
- p. 123, line 19 from bottom in first column. For "RHYNCONELLA" read "RHYNCHONELLA."
- p. 125, line 16 from bottom in first column. For "martiniana" read "martiniana."
- p. 126, line 15 from bottom in first column. For "mosculata" read "maculata."
- p. 126, line 21 from bottom in second column. For "elegantata" read "elegantula."

- p. 127, line 9 in first column. For "Limnaeidiae" read "Limnaeidae."
- p. 128, line 2 from bottom in second column. For "protoconcomerata" read "protoconcamerata."
- p. 128, line 13 in second column. For "BATTISSE" read "BATTISSE."
- p. 129, line 2 from bottom in first column. For "[Panapaeidae]" read "[Panopaeidae]."
- p. 129, line 4 in second column. For "[Panopeidae]" read "[Pano-
paeidae]."
- p. 129, line 6 from bottom in first column. For "[Permidae]" read
"[Pernidae]."
- p. 130, line 13 from bottom in first column. For "fourtani" read
"fourtaui."
- p. 131, line 2 in first column. For "TELLINOMIA" read "TELLINOMYA."
- p. 149, line 20 in second column. For "Scenidium" read "Skenidium."
- p. 150, line 17 in second column. For "Tellinomia" read "Tellinomya."
- p. 151, line 6 from bottom in second column. For "Elegantata" read
"Elegantula."
- p. 152, line 12 from bottom in first column. For "Fourtani" read
"Fourtaui."
- p. 153, line 19 in second column. For "Tellinomia" read "Tellinomya."
- p. 154, line 3 in second column. For "Rhynconella" read "Rhyncho-
nella."
- p. 154, line 17 from bottom in second column. For "Monogerina" read
"Monogenerina."
- p. 154, line 25 in first column. For "Martiniania" read "Martiniana."
- p. 155, line 3 in second column. For "Amphib strum" read "Amphible-
strum."
- p. 155, line 24 in first column. For "Monogerina" read "Monogenerina."
- p. 156, line 2 from bottom in first column. For "Protoconcomerata" read
"Protoconcamerata."
- p. 157, line 7 in first column. For "Pseudodielasma" read "Pseudo-
dielasma."
- p. 157, line 24 in second column. For "Rhynconella" read "Rhyncho-
nella."
- p. 158, line 4 from bottom in first column. For "Subundutata" read
"Subundulata."
- p. 158, line 5 in second column. For "Sumetrensis" read "Suma-
trensis."
- p. 158, line 14 from bottom in second column. For "Rhynconella" read
"Rhynchonella."
- p. 158, last line in second column. For "Bohm" read "Böhm."

LIST OF JOURNALS WITH ABBREVIATED TITLES.

<i>Abh. geol. Specialkarte Els.-Lothr., Strassburg</i>	Abhandlungen zur geologischen Special- karte von Elsass-Lothringen. Strass- burg. [2-3 H. jährl.]	1 Ger.
<i>Abh. Schweiz. Pal. Ges. ...</i>	Abhandlungen der schweizerischen paläontologischen Gesellschaft. Mé- moires de la Société paléontologique suisse. Basel & Genf. 4to.	2 Swi.
<i>Adelaide, S. Aust., Mem. R. Soc.</i>	Memoirs of the Royal Society of South Australia.	3 S.A.
<i>Adelaide, S. Aust., Trans. R. Soc.</i>	Transactions of the Royal Society of South Australia, Adelaide.	6 S.A.
<i>Albany Univ., N.Y., Bull. St. Mus.</i>	Bulletin of the New York State Museum. University of the State of New York, Albany, N.Y.	4 U.S.
<i>Albany Univ., N.Y., Mem. St. Mus.</i>	Memoirs of the New York State Museum. University of the State of New York, Albany, N.Y.	5 U.S.
<i>Albany Univ., N.Y., Rep. St. Mus.</i>	Report of the New York State Museum. University of the State of New York, Albany, N.Y.	6 U.S.
<i>Amer. Geol., Minneapolis, Minn.</i>	American Geologist, Minneapolis, Minnesota.	13 U.S.
<i>Amer. J. Anat., Baltimore, Md.</i>	The American Journal of Anatomy, Baltimore, Md.	14 U.S.
<i>Amer. J. Sci., New Haven, Conn.</i>	American Journal of Science, New Haven, Conn.	19 U.S.
<i>Amer. Math. Mon., Spring- field, Mo.</i>	American Mathematical Monthly, Springfield, Mo.	20 U.S.
<i>Amer. Mus. J., New York, N.Y.</i>	The American Museum Journal. New York, N.Y.	554 U.S.
<i>Angers, Bul. soc. étud. sci.</i>	Bulletin de la société d'études scienti- fiques d'Angers (Maine-et-Loire). [annuel.]	33 Fr.
<i>Ann. Bot., Oxford ...</i>	Annals of Botany, Oxford.	4 U.K.
<i>Ann. Mag. Nat. Hist., London</i>	Annals and Magazine of Natural His- tory, London.	7 U.K.
<i>Ann. Natphilos., Leipzig ...</i>	Annalen der Naturphilosophi Leipzig.	1285 Ger.

<i>Ann. Univ. Grenoble, Paris</i>	Annales de l'Université de Grenoble, publiées par les Facultés de droit, des sciences et des lettres, et par l'école de médecine. Paris. [trois numéros par an.]	81 Fr.
<i>Anthr., Paris ...</i>	Anthropologie (Réunion des Matériaux pour l'histoire de l'homme, de la Revue d'anthropologie, et de la Revue d'ethnographie. Dir. Boule et Verneau. Paris. [bimestr.]	103 Fr.
<i>Arch. Anthr., Braunschweig</i>	Archiv für Anthropologie. hrsg. v. Ranke. Braunschweig. [$\frac{1}{4}$ jährl.]	53 Ger.
<i>Beitr. Anthr. Els.-Lothr., Strassburg</i>	Beitrage zur Anthropologie Elsass-Lothringens, hrsg. v. G. Schwalbe. Strassburg.	1296 Ger.
<i>Berlin, Ber. D. bot. Ges. ...</i>	Berichte der deutschen botanischen Gesellschaft. Berlin. [monatl.]	164 Ger.
<i>Berlin, Zs. D. geol. Ges. ...</i>	Zeitschrift der deutschen geologischen Gesellschaft. Berlin. [$\frac{1}{4}$ jährl.]	199 Ger.
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<i>Bonn, Verh. nath. st. Ver.</i>	Verhandlungen des naturhistorischen Vereins der preussischen Rheinlande, Westfalens u. d. Reg.-Bez. Osnabrück. Nebst Sitzungsberichten der niederrheinischen Gesellschaft für Natur- und Heilkunde zu Bonn. Bonn. [jährl in je 2 Hälften.]	238 Ger.
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<i>Bul. Muséum, Paris ...</i>	Bulletin du Muséum d'Histoire Naturelle. Paris. [8 numéros par an.]	237 Fr.
<i>Cambridge, Mass., Bull. Mus. Comp. Zool. Harvard Coll.</i>	Bulletin of the Museum of Comparative Zoology at Harvard College, Cambridge, Mass.	71 U.S.
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<i>Centralbl. Min., Stuttgart ...</i>	Centralblatt für Mineralogie, Geologie und Paläontologie, hrsg. v. Bauer etc. Stuttgart. [$\frac{1}{2}$ monatl.]	285 Ger.
<i>Chicago, Ill., Acad. Sci., Bull. Geol. Surv.</i>	Chicago Academy of Sciences. Bulletin of the Geological and Natural History Survey. Chicago, Ill.	91 U.S.
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- c. Ocean as a whole.
- d. Europe and Mediterranean Islands.
- e. Asia and Malay Archipelago, Celebes and Timor inclusive.
- f. Africa and Madagascar.
- g. North America to boundary between United States and Mexico.
- h. Mexico, Central and South America, and West Indian Islands.
- i. Australia, Tasmania and New Zealand, with New Guinea, Gilolo, and Moluccas to west, and including the Solomon Islands, New Hebrides, and New Caledonia to east.
- k. Arctic: Greenland and the area north of the Arctic Circle, or of the coasts of Continental America, Asia, and Europe, whichever is farther north.
- l. Atlantic and Islands from Arctic Circle to Lat. 45° S.—the southern portion bounded on the east by the meridian 20° E. of Greenwich, south of the coast of Africa; and on the west by the coast of South America.
- m. Indian Ocean and Islands limited on the south by Lat. 45° S.; on the west by the meridian 20° E. of Greenwich; on the east by the coast of Australia and the meridian 147° E. of Greenwich.
- n. Pacific and Islands from the Arctic Circle to Lat. 45° S., and between the meridian 147° E. of Greenwich and the coast of South America.
- o. Antarctic: the area south of 45° S. except the Falkland Islands and the southern parts of South America and New Zealand; but including the islands of New Amsterdam and St. Paul.

N.B.—As a general rule, Islands more than 100 miles from the continent to be classed as Oceanic, unless specially excepted.

2. SUB-DIVISIONS.

d. EUROPE AND MEDITERRANEAN ISLANDS.

- da.* Scandinavia : Sweden, Norway, Denmark, Iceland, Faeroes.
- db.* Russia in Europe.
- dc.* German Empire.
- dd.* Holland ; Belgium ; Luxemburg.
- de.* British Islands.
- df.* France and Corsica.
- dg.* Spain and Portugal.
- dh.* Italy : Sicily and Sardinia.
- di.* Switzerland.
- dk.* Austria-Hungary (Bosnia and Herzegovina included).
- dl.* Balkan Peninsula (Turkey in Europe, Roumania, Bulgaria, Servia, Montenegro, and Greece).
- dm.* Mediterranean and Islands (excluding Sicily, Sardinia, and Corsica).
- dn.* Black Sea.
- do.* Baltic and Islands.

e. ASIA AND MALAY ARCHIPELAGO.

- ea.* Asiatic Russia.
- eb.* China and Dependencies : Tibet ; Corea.
- ec.* Japanese Islands ; Formosa.
- ed.* Cochin China : Tonquin, Annam.
- ee.* Siam.
- ef.* British India : Himalaya ; Burmah ; Ceylon.
- eg.* Malay Peninsula from Isthmus of Kra and Archipelago to Wallace's line, including Celebes and Timor, with the Philippines and China Sea.
- eh.* Persia ; Afghanistan ; Baluchistan.
- ei.* Asiatic Turkey ; Arabia.
- ek.* Caspian.
- el.* Persian Gulf.

f. AFRICA AND MADAGASCAR.

- fa.* Mediterranean States—Marocco, Algiers, Tunis, Tripoli.
- fb.* N.E. Africa ; Egypt and Nile Valley to Lat. 10° N. Abyssinia ; African Coast of Red Sea.
- fc.* Sahara and the French Sudan ; Darfur, etc.
- fd.* West Africa, from Marocco to the Congo.
- fe.* Congo State and Angola.
- ff.* East Africa, from the Southern border of *fb* to the Zambezi ; Socotra.
- fg.* South Africa—South of the Zambezi and of the boundary between Portuguese and German S.W. Africa.
- fh.* Madagascar and Comoro Group.
- fi.* Red Sea and Islands.

g. NORTH AMERICA.

- ga.* Alaska.
- gb.* Canada as a whole.
- gc.* Canadian Dominion West (Yukon, British Columbia, Mackenzie, Athabasca, Alberta, Saskatchewan, Assiniboia).
- gd.* Canadian Dominion East; Newfoundland.
- ge.* The Laurentian Lakes.
- gf.* United States as a whole.
- gg.* North Eastern United States, East of Mississippi (Maine, Vermont, New Hampshire, New York, Massachusetts, Connecticut, Rhode Island, Pennsylvania, New Jersey, Ohio, Michigan, Wisconsin, Illinois, Indiana).
- gh.* South Eastern United States, East of Mississippi.
- gi.* Western United States, West of Mississippi.

h. CENTRAL AND SOUTH AMERICA AND WEST INDIES.

- ha.* Mexico.
- hb.* Central America : Guatemala ; Honduras ; British Honduras ; Salvador ; Nicaragua ; Costa Rica.
- hc.* West Indian Islands ; Caribbean Sea ; Gulf of Mexico.
- hd.* Guiana—British, Dutch, and French ; Venezuela ; Trinidad.
- he.* Columbia ; Ecuador.
- hf.* Peru.
- hg.* Bolivia.
- hh.* Brazil.
- hi.* Argentina ; Uruguay and Paraguay.
- hk.* Chili.
- hl.* Tierra del Fuego and neighbouring islands ; Falkland Islands.
- hm.* The Andes.

i. AUSTRALASIA.

- ia.* New Guinea with Islands from Wallace's line, including Gilolo, Amboina, Ceram.
- ib.* Bismarck Archipelago (New Britain, etc., to Solomon Islands inclusive).
- ic.* Australia as a whole.
- id.* Queensland.
- ie.* New South Wales.
- if.* Victoria.
- ig.* South Australia.
- ih.* West Australia.
- ii.* Tasmania.
- ik.* New Zealand.
- il.* New Caledonia, New Hebrides, and Loyalty Islands.

k. ARCTIC.

- ka.* Arctic Ocean.
- kb.* Greenland.
- kc.* Archipelago north of North America.
- kd.* Islands north of Europe and Asia.

l. ATLANTIC.

- la.* North Atlantic Ocean and Islands not otherwise specified.
- lb.* Azores; Canaries; Madeira; Cape Verde.
- lc.* South Atlantic and Islands.

m. INDIAN OCEAN.

- ma.* Ocean and Islands N. of Equator.
- mb.* Ocean and Islands S. of Equator, including Mascarene Islands, Amsterdam, and St. Paul.

n. PACIFIC.

- na.* North Pacific Ocean (North of Equator).
- nb.* South Pacific Ocean (South of Equator).
- nc.* Behring Sea and Islands (Aleutian Archipelago, etc.).
- nd.* Sandwich Islands and scattered groups N. of Equator and E. of 180°.
- ne.* Ladrone, Pelew, Caroline and Marshall Groups, with other Islands N. of Equator and W. of 180°.
- nf.* Fiji Islands, Friendly Islands, Samoa, Ellice, Phoenix Islands, etc., west of Meridian 160° W. of Greenwich.
- ng.* Galapagos Islands.
- nh.* Society Islands, Low Archipelago, Marquesas, and other Islands of S. Pacific, east of Meridian 160° W. of Greenwich.

o. ANTARCTIC.

- oa.* Antarctic Continent as a whole.
- ob.* S. Georgia, Sandwich Groups, and other Islands S. of S. Atlantic.
- oc.* Prince Edward Island, Crozets, Kerguelen, and other Islands S. of Indian Ocean.
- od.* Islands to Southward and South-east of New Zealand and Area South of Pacific.

Internationaler Katalog der naturwissenschaftlichen Litteratur.

I.—TOPOGRAPHISCHE CLASSIFICATION.

[In Verbindung mit Geographie, Geologie, Botanik, Zoologie etc. zu benutzen.]

1.—HAUPT-ABSCHNITTE.

- a. Die Erde als Ganzes.
- b. Das Festland als Ganzes.
- c. Der Ocean als Ganzes.
- d. Europa und die Inseln im Mittelländischen Meere.
- e. Asien und der Malayische Archipel, einschliesslich Celebes und Timor.
- f. Africa und Madagaskar.
- g. Nord-Amerika bis zur Grenze zwischen den Vereinigten Staaten und Mexiko.
- h. Mexiko, Central- und Süd-Amerika, Westindische Inseln.
- i. Australien, Tasmanien und Neu-Seeland, mit Neu-Guinea, Gilolo und Molukken nach Westen, und mit Salomo-Inseln, Neuen Hebriden und Neu-Caledonien nach Osten.
- k. Arktisches Gebiet: Grünland und der vom Polarkreis umschlossene Raum, insbesondere die jenseits desselben gelegenen Küstenländer von Amerika, Asien und Europa.
- l. Atlantisches Gebiet mit seinen Inseln, vom Polarkreis bis 45° S. Br.; der südliche Theil wird südliche von Afrika nach Osten durch den Meridian 20° O. [v. Gr.] begrenzt und reicht im Westen bis zur Küste von Süd-Amerika.
- m. Der Indische Ocean mit seinen Inseln reicht im Süden bis 45° S. Br.; im Westen bis 20° O. L., im Osten bis zur Küste von Australien und dem Meridian 140° O. L.
- n. Pacifisches Gebiet mit seinen Inseln, vom Nordpolarkreis bis 45° S. Br., im südlichen Theil begrenzt durch den Meridian 147° O. L. nach Westen, und die Küste von Süd-Amerika nach Osten.
- o. Antarktisches Gebiet, umfassend das Gebiet südlich von 45° S. Br., mit Ausschluss der Falklands-Inseln, der südlichen Theile von Süd-Amerika und Neu-Seelands, aber einschliesslich der Inseln Neu-Amsterdam und St. Paul.

N.B.—Allgemeine Regel: Inseln, die mehr als 100 englische Meilen (160 Kilometer) vom Festland entfernt sind, sind, falls nicht besonders ausgenommen, als oceanisch zu classificiren.

2. UNTERABTHEILUNGEN.

d. EUROPA UND DIE INSELN IM MITTELLÄNDISCHEN MEERE.

- da.* Skandinavien: Schweden, Norwegen, Dänemark, Island Faröer.
- db.* Des Europäische Russland.
- dc.* Das Deutsche Reich.
- dd.* Holland; Belgien; Luxemburg.
- de.* Die Britischen Inseln.
- df.* Frankreich und Corsica.
- dg.* Spanien und Portugal.
- dh.* Italien, met Sicilien und Sardinien.
- di.* Die Schweiz.
- dk.* Oesterreich-Ungarn (einschliesslich Bosnien und Herzegowina).
- dl.* Die Balkan - Halbinsel (Europäische Türkei, Rumanien, Bulgarien, Serbien, Montenegro, Griechenland).
- dm.* Das Mittelländische Meer mit seinen Inseln (mit Ausschluss von Sicilien, Sardinien und Corsica).
- dn.* Das Schwarze Meer.
- do.* Die Ostsee mit ihren Inseln.

e. ASIEN UND DER MALAYISCHE ARCHIPEL.

- ea.* Asiatisches Russland.
- eb.* China und zugehörige Länder; Tibet; Korea.
- ec.* Japanische Inseln; Formosa.
- ed.* Cochinchina; Tonking, Annam.
- ee.* Siam.
- ef.* Britisch-Indien, einschliesslich Himalaya, Burma, Ceylon.
- eg.* Malayische Halbinsel südlich vom Isthmus von Kra, und Malayischer Archipel bis zu Wallace's Linie, einschliesslich Celebes und Timor; Philippinen; Chinesisches Südmeer.
- eh.* Persien; Afghanistan; Belutschistan.
- ei.* Asiatische Türkei; Arabien.
- ek.* Das Kaspische Meer.
- el.* Der Persische Golf.

f. AFRIKA UND MADAGASKAR.

- fa.* Die Mittelmeer-Staaten: Marokko, Algier, Tunis, Tripolis.
- fb.* Nordost-Afrika: Egypten und Nilthal bis 10° N. Br.; Abessynien; afrikanische Küste des Rothen Meeres.
- fc.* Die Sahara und der französische Sudan; Darfur etc.
- fd.* West-Afrika, von Marokko bis zum Kongo.
- fe.* Kongo-Staat und Angola.
- ff.* Ostafrika, von der südlichen Grenze von *fb.* bis zum Sambesi; Sokotra.
- fg.* Sud-Afrika, südlich des Sambesi und der Grenze zwischen
- fh.* Madagaskar und Komoren.
- fi.* Das Rothe Meer mit seinen Inseln.

g. NORD-AMERIKA.

- ga. Alaska.
- gb. Canada als Ganzes.
- gc. West-Canadisches Gebiet: Yukon, Britisch-Columbia, Mackenzie, Athabasca, Alberta, Saskatchewan, Assiniboia.
- gd. Ost-Canadisches Gebiet; Neufundland.
- ge. Gebiet der Laurentischen Seen.
- gf. Vereinigte Staaten als Ganzes.
- gg. Nordosten der Vereinigten Staaten, östlich vom Mississippi (Maine, Vermont, New Hampshire, New York, Massachusetts, Connecticut, Rhode Island, Pennsylvania, New Jersey, Ohio, Michigan, Wisconsin, Illinois, Indiana).
- gh. Südosten der Vereinigten Staaten, östlich vom Mississippi.
- gi. Westen der Vereinigten Staaten, westlich vom Mississippi.

h. CENTRAL-AMERIKA, SÜD-AMERIKA, WEST-INDIEN.

- ha. Mexiko.
- hb. Central-Amerika: Guatemala, Honduras; Britisch-Honduras; Salvador; Nicaragua; Costa Rica.
- hc. Westindische Inseln; Caraibisches Meer; Golf von Mexiko.
- hd. Guyana: Britisch, Niederländisch und Französisch; Venezuela; Trinidad.
- he. Columbia; Ecuador.
- hf. Peru.
- hg. Bolivia.
- hh. Brasilien.
- hi. Argentinien; Uruguay und Paraguay.
- hk. Chile.
- hl. Feuerland und benachbarte Inseln; Falkland Inseln.
- hm. Die Anden.

i. AUSTRALASIEN.

- ia. Neu-Guinea, nebst Inseln im Osten von Wallace's Linie, einschliesslich Gilolo, Amboina, Ceram.
- ib. Bismarck-Archipel (Neu-Pommern etc. bis Salomo-Inseln).
- ic. Australien als Ganzes.
- id. Queensland.
- ie. Neu-Süd-Wales.
- if. Victoria.
- ig. Süd-Australien.
- ih. West-Australien.
- ii. Tasmanien.
- ik. Neu-Seeland.
- il. Neu-Caledonien, Neue Hebriden und Loyalty Inseln.

k. ARKTISCHES GEBIET.

- ka. Der Arktische Ocean.
- kb. Grönland.
- kc. Archipel nördlich von Nord-Amerika.
- kd. Inseln nördlich von Europa und Asien.

l. ATLANTISCHES GEBIET.

- la. Der Nordatlantische Ocean mit seinen Inseln, soweit sie nicht anderweit eingereiht sind.
- lb. Azoren; Kanaren; Madeira; Cap Verde.
- lc. Der Südatlantische Ocean mit seinen Inseln.

m. INDISCHER OCEAN.

- ma. Ocean und Inseln nördlich vom Aequator.
- mb. Ocean und Inseln südlich vom Aequator, einschliesslich Maskarenen, Neu-Amsterdam und St. Paul.

n. PACIFISCHES GEBIET.

- na. Nordpazifischer Ocean (nördlich vom Aequator).
- nb. Sudpazifischer Ocean (südlich vom Aequator).
- nc. Berings Meer, nebst Inseln (Aleuten-Archipel etc.).
- nd. Sandwich-Inseln und zerstreute Gruppen nördlich von Aequator und östlich vom 180. Grad.
- ne. Ladronen-, Palau-, Carolinen- und Marshall-Gruppen, nebst andern Inseln nördlich vom Aequator und Westlich vom 180. Grad.
- nf. Fidschi-Inseln, Freundschafts-Inseln, Samoa, Ellice-Inseln, Phönix-Inseln etc., westlich vom Meridian 160° W. L.
- ng. Galapagos-Inseln.
- nh. Gesellschafts-Inseln, Niedrige Inseln, Marquesas- und andere Inseln des südlichen Pazifischen Oceans, östlich vom Meridian 160° W. L.

o. ANTARCTISCHES GEBIET.

- oa. Der Antarktische Kontinent als Ganzes.
- ob. Süd-Georgien, Sandwich-Gruppen, und andere Inseln südlich vom südatlantischen Gebiet.
- oc. Prince Edward-Insel, Crozet-Inseln, Kerguelen- und andere Inseln südlich vom Indischen Ocean.
- od. Inseln südlich und südöstlich von Neu-Seeland, und Gebiet südlich des Pazifischen Oceans.

Catalogue International de la Littérature Scientifique.

CLASSIFICATION TOPOGRAPHIQUE.

[Cette classification sera appliquée à la géographie, à la géologie, à la botanique, à la zoologie, etc.]

I.—GRANDES DIVISIONS.

- a. Données d'ensemble relatives au globe terrestre.
- b. Données d'ensemble relatives aux continents.
- c. Données d'ensemble relatives aux océans.
- d. Europe et îles méditerranéennes.
- e. Asie et Archipel Malais, Célèbes et Timor inclus.
- f. Afrique et Madagascar.
- g. Amérique du Nord [en prenant comme limite celle qui sépare les États-Unis du Mexique].
- h. Le Mexique, Amérique centrale et méridionale avec les Antilles.
- i. Australie, Tasmanie et Nouvelle Zélande avec la Nouvelle Guinée, Gilolo et les Moluques à l'ouest, les îles Salomon, les Nouvelles Hébrides et la Nouvelle Calédonie à l'est.
- k. Régions arctiques : Groenland et surface polaire s'étendant des côtes américaines, asiatiques et européennes à l'extrême nord.
- l. Atlantique avec les îles comprises entre le cercle polaire arctique et le 45° de lat. S. Partie sud de l'Atlantique limitée à l'est par le méridien 20° E. (Greenwich), au sud de l'Afrique; et à l'ouest par le côté de l'Amérique du sud.
- m. Océan Indien avec les îles situées dans l'espace limité dans le sud par le 45° de lat. S.; à l'ouest par le méridien 20° E. (Greenwich); dans l'est par la côte australienne et le méridien 147° E. (Greenwich).
- n. Le Pacifique avec les îles comprises, en latitude, du cercle polaire arctique au 45° de lat. S.; en longitude, du méridien 147° E. (Greenwich) à la côte de l'Amérique du sud.
- o. Régions antarctiques : depuis le 45° de lat. S., moins les Falkland, la pointe sud de l'Amérique méridionale et la Nouvelle Zélande, mais en y comprenant les îles St. Paul et Nouvelle Amsterdam.

N.B.—En général les îles qui se trouvent à plus de 160 à 185 kilomètres du continent sont classées comme îles océaniques, à moins que le contraire ne soit stipulé spécialement.

II.—SUBDIVISIONS.

d. EUROPE ET ÎLES MÉDITERRANÉENNES.

- da.* Scandinavie : Suède, Norvège, Danemark, Islande, îles Feroë.
- db.* Russie d'Europe.
- dc.* Empire Germanique.
- dd.* Hollande ; Belgique ; Luxembourg.
- de.* Îles Britanniques.
- df.* France et Corse.
- dg.* Espagne et Portugal.
- dh.* Italie ; Sicile et Sardaigne.
- di.* Suisse.
- dk.* Autriche-Hongrie (Bosnie et Herzégovine inclus).
- dl.* Péninsule Balkanique (Turquie d'Europe, Roumanie, Bulgarie, Serbie, Monténégro et Grèce).
- dm.* Méditerranée avec ses îles (moins la Sicile, la Sardaigne, et la Corse).
- dn.* Mer Noire.
- do.* La Baltique et ses îles.

e. ASIE ET ARCHIPEL MALAIS.

- ea.* Asie russe.
- eb.* Chine et dépendances ; Thibet ; Corée.
- ec.* Archipel du Japon ; Formose.
- ed.* Cochinchine. Tonkin. Annam. Cambodge.
- ee.* Siam.
- ef.* Indes Britanniques : Himalaya ; Burma, Ceylan.
- eg.* La Péninsule Malaise depuis l'isthme de Kra ; et l'Archipel Malais jusqu'à la ligne séparative de Wallace, y compris Célèbes, Timor, les Philippines et la Mer de Chine.
- eh.* Perse ; Afghanistan ; Bélouchistan.
- ei.* Turquie d'Asie ; Arabie.
- ek.* Mer Caspienne.
- el.* Golfe persique.

f. AFRIQUE ET MADAGASCAR.

- fa.* Pays méditerranéens : Maroc, Algérie, Tunisie, Tripoli.
- fb.* N.E. Africain ; Egypte et la vallée du Nil depuis le 10° de lat. N. ; Abyssinie ; côte africaine de la Mer Rouge.
- fc.* Le Sahara et le Soudan français ; Darfour, etc.
- fd.* Ouest africain, du Maroc au Congo.
- fe.* Etat du Congo et Angola.
- ff.* Est africain, depuis la bordure sud de *fb* au Zambèze, Socotora.

- ig.* Sud africain—Au sud du Zambèze et de la limite entre les possessions portugaises et allemandes du sud-ouest de l'Afrique.
- fh.* Madagascar et groupe des Comores.
- fi.* La Mer Rouge et ses îles.

g. AMÉRIQUE DU NORD.

- ga.* Alaska.
- gb.* Le Canada dans son entier.
- gc.* Puissance du Canada de l'ouest (Yukon, Colombie Britannique, Mackenzie, Athabasca, Alberta, Saskatchewan, Assiniboia).
- gd.* Puissance du Canada de l'est ; Terre neuve.
- ge.* Région des grands lacs laurentiens.
- gf.* États-Unis.
- gg.* États-Unis du Nord-Est, à l'est du Mississipi (Maine, Vermont, New Hampshire, New York, Massachusetts, Connecticut, Rhode Island, Pennsylvanie, New Jersey, Ohio, Michigan, Wisconsin, Illinois, Indiana).
- gh.* États-Unis du sud-est, à l'est du Mississipi.
- gi.* États-Unis de l'ouest, à l'ouest du Mississipi.

A. AMÉRIQUE CENTRALE ET MÉRIDIONALE ; ÎLES OCCIDENTALES.

- ha.* Mexique.
- hb.* Amérique centrale : Guatemala ; Honduras ; Honduras britannique ; Salvador ; Nicaragua ; Costa Rica.
- hc.* Antilles ; Mer Caraïbe ; Golfe du Mexique.
- hd.* Guyanes britannique, hollandaise, et française ; Vénézuéla ; île de Trinité.
- he.* Colombie. Ecuador.
- hf.* Pérou.
- hg.* Bolivie.
- hh.* Brésil.
- hi.* République Argentine ; Uruguay et Paraguay.
- hk.* Chili.
- hl.* Terre de feu et îles voisines ; les Falkland (Malouines).
- hm.* Les Andes.

i. AUSTRALIE.

- ia.* Nouvelle Guinée avec les îles de la ligne séparative de Wallace, en y comprenant Gilolo, Amboine, Ceram.
- ib.* Archipel de Bismarck (Nouvelle Bretagne avec les îles Salomon).
- ic.* L'Australie en son entier.
- id.* Queensland.
- ie.* Nouvelle Galles du sud.
- if.* Victoria.
- ig.* Australie du sud.

- ih. Australie occidentale.
- ii. Tasmanie.
- ik. Nouvelle Zélande.
- il. Nouvelle Calédonie, Nouvelles Hébrides et les îles Loyauté.

k. RÉGIONS ARCTIQUES.

- ka. Océan arctique.
- kb. Groenland.
- kc. Archipel nord de l'Amérique du Nord.
- kd. Îles au nord d'Europe et d'Asie (Spitzberg, etc.).

l. ATLANTIQUE.

- la. Océan Atlantique septentrional, et les îles qui n'ont pas encore été spécifiées.
- lb. Açores; Canaries; Madère; Cap Vert.
- lc. Atlantique méridional et ses îles.

m. Océan Indien.

- ma. Océan et les îles au nord de l'Equateur.
- mb. Océan et les îles au sud de l'Equateur, avec les Mascareignes et les îles Amsterdam et St. Paul.

n. PACIFIQUE.

- na. Pacifique septentrional (au nord de l'Equateur).
- nb. Pacifique méridional (au sud de l'Equateur).
- nc. Mer de Behring et ses îles (Aléoutiennes . . . etc.).
- nd. Îles Sandwich, avec les groupes situés au nord de l'Equateur et à l'est du 180°.
- ne. Mariannes, Pelew, archipel des Carolines et de Marshall, avec les autres îles situées au nord de l'Equateur et à l'ouest du 180°.
- nf. Îles Fidji, îles des Amis (Tonga, Samoa, Ellice, Phénix et autres) situées à l'ouest du méridien 160° O. (Greenwich).
- ng. Îles Galapagos.
- nh. Îles de la Société, Pomoutou, Marquises et autres îles du Pacifique méridional à l'est du méridien 160° O. (Greenwich).

o. RÉGIONS ANTARCTIQUES.

- oa. Continent antarctique dans son entier.
- ob. Géorgie du Sud, groupe des Sandwichs et autres îles au S. de l'Atlantique méridional.
- oc. Îles du Prince Edouard, Crozet, Kerguelen et autres îles au S. de l'Océan Indien.
- od. Îles au sud et au sud-est de la Nouvelle Zélande et régions méridionales du Pacifique.

Catalago Internazionale della Letteratura Scientifica.

I.—CLASSIFICAZIONE TOPOGRAFICA.

[Da usarsi in rapporto con la Geografia, Geologia, Botanica, Zoologia, ecc.]

I.—DIVISIONI PRINCIPALI.

- a. La Terra nel suo complesso.
- b. Le terre emerse.
- c. L'oceano nel suo complesso.
- d. Europa e Isole del Mediterraneo.
- e. Asia e Arcipelago Malese, comprese Celebes e Timor.
- f. Africa e Madagascar.
- g. America settentrionale fino al limite tra gli Stati Uniti e il Messico.
- h. Messico, America Centrale e Meridionale, e Indie Occidentali.
- i. Australia. Tasmania e Nuova Zelanda colla Nuova Guinea, Gilolo e Molucche verso Ponente, le Salomone, le Nuove Ebridi e la Nuova Caledonia verso Levante.
- k. Regione Artica: Groenlandia e l'area a Nord del Circolo Polare, ovvero a Nord delle coste dell' America continentale, dell' Asia e dell' Europa.
- l. L' Atlantico e le sue Isole dal Circolo Polare Artico alla Lat. di 45° S., limitato nella sua parte meridionale oltre la costa Africana dal 20° E. da Greenwich, ad Est; e dalla costa dell' America meridionale ad Ovest.
- m. L'Oceano Indiano e le sue Isole, limitato a sud dal 45° di Lat. S., a Ponente del meridiano 20° E. di Greenwich; a Levante dalla costa dell' Australia e dal 147° E. da Greenwich.
- n. Il Pacifico e le sue Isole dal Circolo Polare Artico alla Lat. di 45° S., e tra il 147° meridiano E. da Greenwich e le coste dell' America meridionale.
- o. Regione Antartica: cioè l'area meridionale limitata dal 45° S., eccetto le Isole Falkland e le parti meridionali dell' America del Sud e della Nuova Zelanda; comprendendovi però le isole di Nuova Amsterdam e S. Paolo.

N.B.—Come regola generale, le isole lontane più di 100 miglia inglesi (160 chilometri) dal continente devono essere classificate come oceaniche, salvo speciali eccezioni.

2.—SUDDIVISIONI.

d. EUROPA E ISOLE DEL MEDITERRANEO.

- da.* Scandinavia : Svezia, Norvegia, Danimarca, Islanda, Fär Öer.
- db.* Russia Europea.
- dc.* Impero Germanica.
- dd.* Olanda ; Belgio ; Lussemburgo.
- de.* Isole Britanniche.
- df.* Francia e Corsica.
- dg.* Spagna e Portogallo.
- dh.* Italia : Sicilia e Sardegna.
- di.* Svizzera.
- dk.* Austria-Ungheria (comprese Bosnia ed Erzegovina).
- dl.* Penisola, Balcanica (Turchia Europea, Rumania, Bulgaria, Servia, Montenegro e Grecia).
- dm.* Mediterraneo e Isole (salvo la Sicilia, la Sardegna e la Corsica).
- dn.* Mar Nero.
- do.* Il Baltico e le sue Isole.

e. ASIA E ARCIPELAGO MALESE.

- ea.* Russia Asiatica.
- eb.* Cina e dipendenze : Tibet ; Corea.
- ec.* Isole del Giappone ; Formosa.
- ed.* Coccincina : Tonchino, Annam.
- ee.* Siam.
- ef.* India Britannica : Himalaya ; Birmania ; Ceylon.
- eg.* Penisola Malese dall' Istmo di Kra e Arcipelago Malese fino alla linea, di Wallace, comprendendovi Celebes e Timor colle Filippine e il Mar della Cina.
- eh.* Persia ; Afghanistan ; Belucistan.
- ei.* Turchia Asiatica ; Arabia.
- ek.* Il Caspio.
- el.* Golfo Persica.

f. AFRICA E MADAGASCAR.

- fa.* Stati Mediterranei—Marocco, Algeri, Tunisi, Tripoli.
- fb.* Africa del N.E. ; Egitto e Vallatta del Nilo fino al 10° di Lat. N. ; Abissinia ; Coste dell' Africa sul Mar Rosso.
- fc.* Sahara e Sudan Francese ; Darfur, ecc.
- fd.* Africa occidentale dal Marocco al Congo.
- fe.* Stato del Congo e Angola.
- ff.* Africa orientale dal limite indicato in *fb* al Zambesi ; Socotra.
- fg.* Africa australe dal Zambesi e dal confine tra l' Africa Portoghese e l' Africa Germanica del S.W.
- fh.* Madagascar e Gruppo delle Comoro.
- fi.* Il Mar Rosso e le sue Isole.

g. AMERICA SETTENTRIONALE.

- ga.* Alaska.
- gb.* Il Canada in generale.
- gc.* Dominio del Canada occidentale (Yukon, Columbia Britannica Mackenzie, Athabasca, Alberta, Saskatchewan, Assiniboia)
- gd.* Dominio del Canada orientale; Terranova.
- ge.* I Laghi Laurenziana.
- gf.* Gli Stati Uniti in generale.
- gg.* Stati Uniti del Nord-Est, ad E. del Mississippi (Maine, Vermont, New Hampshire, New York, Massachusetts, Connecticut, Rhode Island, Pennsylvania, New Jersey, Ohio, Michigan, Wisconsin, Illinois, Indiana).
- gh.* Stati Uniti del Sud-Est, ad E. del Mississippi.
- gi.* Stati Uniti occidentali, ad W. del Mississippi.

h. AMERICA CENTRALE E MERIDIONALE E INDIE OCCIDENTALI

- ha.* Messico.
- hb.* America Centrale; Guatemala; Honduras; Honduras Britannico; Salvador; Nicaragua; Costa Rica.
- hc.* Indie occidentali; Mar dei Caribi; Golfo del Messico.
- hd.* Guaiana—Britannica, Olandese e Francese; Venezuela; Trinidad.
- he.* Columbia; Ecuador.
- hf.* Perù.
- hg.* Bolivia.
- hh.* Brasile.
- hi.* Argentina; Uruguay e Paraguay.
- hk.* Cile.
- hl.* Terra del Fuoco e Isole vicine; Isole Falkland.
- hm.* Le Ande.

i. AUSTRALIA E OCEANIA.

- ia.* Nuova Guinea colle Isole dalla linea di Wallace, comprendendovi Gilolo (Halmahera) Amboina, Seram.
- ib.* Arcipelago di Bismarck (Nuova Britannia, ecc., fino alle Solomone inclusivamente).
- ic.* Australia in generale.
- id.* Queensland.
- ie.* Nuova Galles del Sud.
- if.* Victoria.
- ig.* Australia meridionale.
- ih.* Australia occidentale.
- ii.* Tasmania.
- ik.* Nuova Zelanda.
- il.* Nuova Caledonia, Nuove Ebridi, e Isole Loyalty.

k. REGIONE ARTICA.

- ka.* Oceano Artico.
- kb.* Groenlandia.
- kc.* Arcipelago Nord Americano.
- kd.* Isole a N. dell' Europa e dell' Asia.

l. OCEANO ATLANTICO.

- la.* Oceano Atlantico settentrionale e sue Isole, non indicate altrove.
- lb.* Azorre; Canarie; Madera; Isole del Capo Verde.
- lc.* Atlantico meridionale e sue Isole.

m. OCEANO INDIANO.

- ma.* Oceano e Isole a Nord dell' Equatore.
- mb.* Oceano e Isole a Sud dell' Equatore, comprendendovi le Mascarene, Amsterdam e S. Paolo.

n. OCEANO PACIFICO.

- na.* Pacifico del Nord (a N. dell' Equatore).
- nb.* Pacifico del Sud (a S. dell' Equatore).
- nc.* Mar di Behring e sue Isole (Aleutine, ecc.).
- nd.* Isole Sandwich e Gruppi sparsi a N. dell' Equatore e ad E. del 180°.
- ne.* Isole dei Ladroni, Pelew, Caroline e Marshall, con altre Isole a N. dell' Equatore e ad ovest del 180°.
- nf.* Isole Figi, degli Amici, Samoa, Ellice, Fenice, ecc., ad ovest del 160° W. di Greenwich.
- ng.* Isole Galapagos.
- nh.* Isole della Società. Arcipelago di Low, Marchesi e altre Isole del Pacifico meridionale, ad Est del meridiano 160° W. da Greenwich.

o. REGIONE ANTARTICA.

- oa.* Regione antartica in generale.
- ob.* Georgia australe, Gruppo delle Sandwich e altre Isole a Sud dell' Atlantico meridionale.
- oc.* Isole del Principe Edoardo, Crozets, Kerguelen e altre Isole a Sud dell' Oceano Indiano.
- od.* Isole a Sud e a Sud-Est della Nuova Zelanda e Regione a Sud del Pacifico.





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1901

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INSTRUCTIONS.

The present volume consists of three parts :—

- (a) Schedules and Indexes in four languages.
- (b) An Author Catalogue.
- (c) A Subject Catalogue.

The Subject Catalogue begins with general headings 0000 to 0200. It is then divided into palaeozoology and palaeobotany. Each of these main divisions is sub-divided into three sections. The first section gives the books or papers arranged according to strata; in the second section the arrangement is according to fossils; the third section gives a list of new genera and species.

At the end of the Subject Catalogue there is a list of new specific and generic names.

In each section the final arrangement of papers is in the alphabetical order of authors' names.

In order to find the papers dealing with a particular subject the reader may either consult the Schedule or the Index to the Schedule. The numbers given in the index are Registration numbers, and can be used at once for turning to the proper page of the Subject Index. This is done by looking at the numbers at the top corners of the pages.

If the reader remember the name of the author of a paper on a given subject, he will probably find it convenient to refer to the Author Catalogue rather than to the Subject Catalogue.

In the Author Catalogue the numbers placed within square brackets at the end of each entry are Registration numbers, and serve to indicate the scope of each paper indexed. The meaning of these numbers will at once be found by reference to the Schedule.

In case the abbreviated titles of Journals are not understood, a key to these is provided at the end of the volume.

TOPOGRAPHICAL SYMBOLS.

Many of the sections are sub-divided into a number of sub-sections by means of topographical symbols. These symbols are letters printed in italics. They are explained in the topographical classification. The topographical symbols are not intended to be used instead of registration numbers.

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International Catalogue of Scientific Literature.

(K) PALÆONTOLOGY.

- 0000 Philosophy.
- 0010 History. Biography.
- 0020 Periodicals. Reports of Institutions, Societies, Congresses, etc.
- 0030 General Treatises, Text Books, Dictionaries, Bibliographies, Tables.
- 0040 Addresses, Lectures.
- 0050 Pedagogy.
- 0060 Institutions, Museums, Collections, Economica.
- 0070 Nomenclature.
- 0100 Distribution of Life (Animal and Vegetable) in Past Times.
- 0150 Zonal Palæontology; Mutations (Changes of Form in Successive Strata), etc.
- 0200 Evolution. (*See also* L 4300; N 0223; M 4400.)

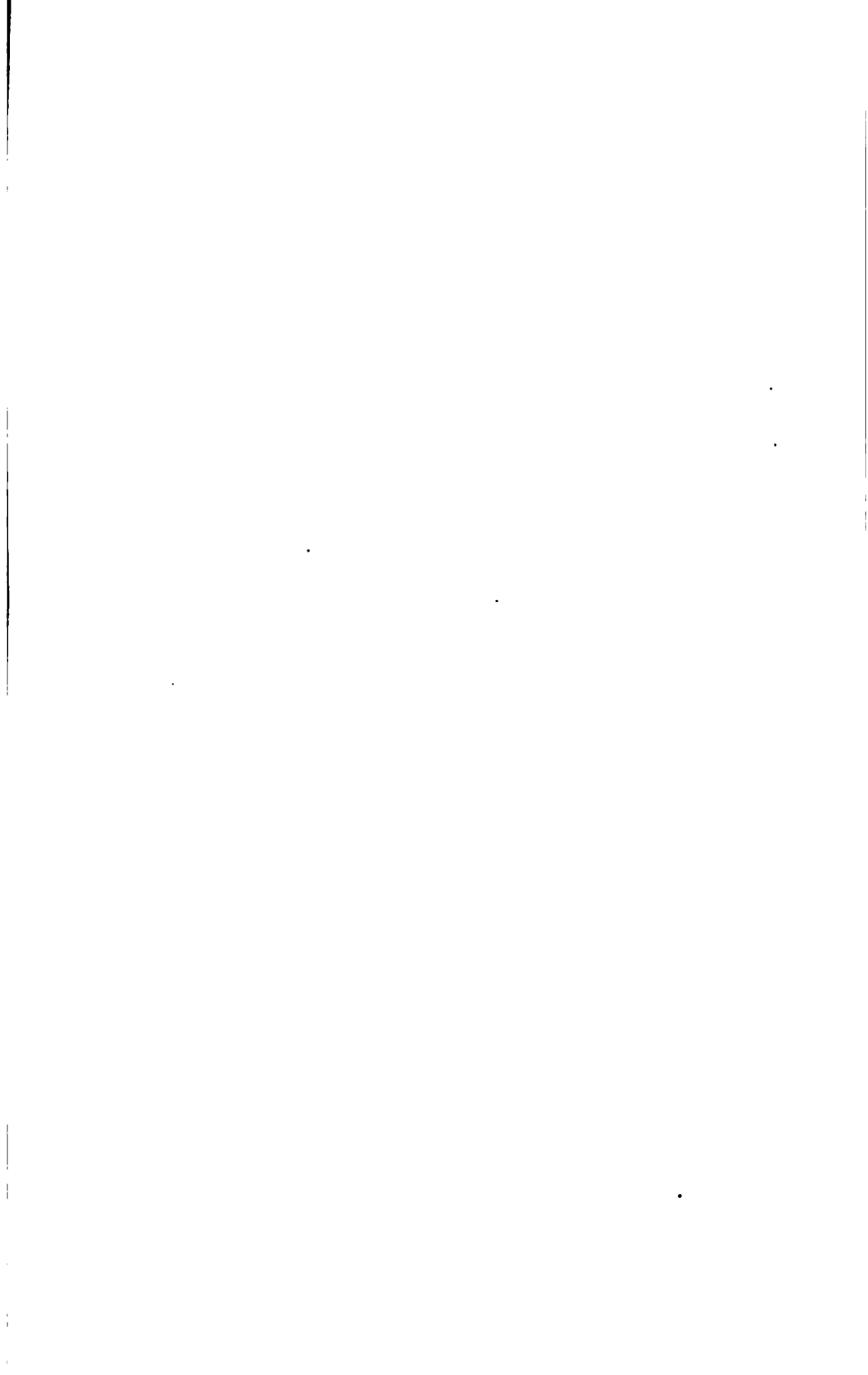
The numerical symbol to be used for Palæontological books and papers is obtained by a combination of the Geological stratigraphical number (two figures), with a number (four figures) representing the subdivision of the animal or vegetable kingdom to which the fossil forms described belong. Thus a paper on Triassic Cephalopoda will have the symbol K 65.2231, one on Carboniferous ferns will be numbered K 55.6700.

The numbers for Zoological sub-divisions are identical with those used in the Zoological schedule. The numbers for Botanical sub-divisions are identical with those used in the Botanical schedule.

The alphabetical symbols for Topography can be added, if necessary. In this case a paper on Cretaceous Fishes from Asiatic Turkey would bear the symbol K 75.5431 *ai*.

Palaeozoology.		General, including strata of unknown age.	Lower Palaeozoic.	Upper Palaeozoic.	Triassic.	Jurassic.	Cretaceous.	Lower Cretaceous.	Upper Cretaceous.	Pleistocene and Recent.
0231	General Palaeozoology	35, 0231	50, 0231	55, 0231	65, 0231	70, 0231	75, 0231	85, 0231	90, 0231	95, 0231
8231	Vertebata	35, 8231	50, 8231	55, 8231	65, 8231	70, 8231	75, 8231	85, 8231	90, 8231	95, 8231
6031	Mammalia	35, 6031	50, 6031	55, 6031	65, 6031	70, 6031	75, 6031	85, 6031	90, 6031	95, 6031
5831	Aves	35, 5831	50, 5831	55, 5831	65, 5831	70, 5831	75, 5831	85, 5831	90, 5831	95, 5831
5631	Reptilia and Batrachia	35, 5631	50, 5631	55, 5631	65, 5631	70, 5631	75, 5631	85, 5631	90, 5631	95, 5631
5431	Pisces	35, 5431	50, 5431	55, 5431	65, 5431	70, 5431	75, 5431	85, 5431	90, 5431	95, 5431
5031	Tunicata, Amphioxus, &c.	35, 5031	50, 5031	55, 5031	65, 5031	70, 5031	75, 5031	85, 5031	90, 5031	95, 5031
2431	Arthropoda, including Insecta	35, 2431	50, 2431	55, 2431	65, 2431	70, 2431	75, 2431	85, 2431	90, 2431	95, 2431
3431	Myriopoda	35, 3431	50, 3431	55, 3431	65, 3431	70, 3431	75, 3431	85, 3431	90, 3431	95, 3431
3031	Arachnida	35, 3031	50, 3031	55, 3031	65, 3031	70, 3031	75, 3031	85, 3031	90, 3031	95, 3031
2831	Xiphosura, Eurypterida, Trilobita, &c.	35, 2831	50, 2831	55, 2831	65, 2831	70, 2831	75, 2831	85, 2831	90, 2831	95, 2831
2631	Crustacea	35, 2631	50, 2631	55, 2631	65, 2631	70, 2631	75, 2631	85, 2631	90, 2631	95, 2631
2231	Mollusca, including Cephalopoda, Gastropoda, Amphineura, Scaphopoda, and Lamellibranchiata (Pelecypoda)	35, 2231	50, 2231	55, 2231	65, 2231	70, 2231	75, 2231	85, 2231	90, 2231	95, 2231
2031	Brachiopoda including Bryozoa (Polysoa)	35, 2031	50, 2031	55, 2031	65, 2031	70, 2031	75, 2031	85, 2031	90, 2031	95, 2031
1831	Vermes	35, 1831	50, 1831	55, 1831	65, 1831	70, 1831	75, 1831	85, 1831	90, 1831	95, 1831
1031	Echinodermata	35, 1031	50, 1031	55, 1031	65, 1031	70, 1031	75, 1031	85, 1031	90, 1031	95, 1031
0831	Caenenterata including Graptolithoides	35, 0831	50, 0831	55, 0831	65, 0831	70, 0831	75, 0831	85, 0831	90, 0831	95, 0831
0631	Porifera	35, 0631	50, 0631	55, 0631	65, 0631	70, 0631	75, 0631	85, 0631	90, 0631	95, 0631
0431	Protozoa	35, 0431	50, 0431	55, 0431	65, 0431	70, 0431	75, 0431	85, 0431	90, 0431	95, 0431
0131	Fossils of doubtful affinity or origin	35, 0131	50, 0131	55, 0131	65, 0131	70, 0131	75, 0131	85, 0131	90, 0131	95, 0131

Palaeobotany.		85	80	85	65	70	75	85	90	95
6000	General Palaeobotany	...	...	...	...	...	...	...	...	...
6100	Dicotyledons	...	...	...	...	...	...	...	...	...
6200	Monocotyledons	...	...	...	...	...	...	...	...	...
6300	Gymnosperms	...	...	...	...	...	...	...	...	...
6400	Angiosperms	...	...	...	...	...	...	...	...	...
6500	Vascular Cryptogams	...	...	...	...	...	...	...	...	...
6600	Mosses and Hepatics	...	...	...	...	...	...	...	...	...
6700	Characeae	...	...	...	...	...	...	...	...	...
6800	Algae and Schizophytes	...	...	...	...	...	...	...	...	...
6900	Lichens	...	...	...	...	...	...	...	...	...
7000	Fungi, Bacteria, and Mycetozoa	...	...	...	...	...	...	...	...	...
7100	Plants of unascertained position	...	...	...	...	...	...	...	...	...



Catalogue International de la Littérature scientifique.

(K) PALÉONTOLOGIE.

- 0000 Philosophie.
- 0010 Histoire. Biographie.
- 0020 Périodiques. Rapports d'Institutions, de Sociétés, de Congrès, etc.
- 0030 Traités généraux, Manuels, Dictionnaires, Bibliographies, Tables.
- 0040 Discours, Lectures et Conférences.
- 0050 Enseignement.
- 0060 Institutions, Musées, Collections. Applications pratiques.
- 0070 Nomenclature.
- 0100 Distribution géographique des animaux et des plantes dans les temps passés.
- 0150 Paléontologie stratigraphique; changements de formes dans les couches successives.
- 0200 Evolution. (*Voy. aussi* L 4300; N 0223; M 4400.)

Le symbole numérique qui devra être employé pour les livres et mémoires paléontologiques est obtenu par une combinaison du nombre stratigraphique (2 chiffres) avec un nombre (4 chiffres) représentant la subdivision du règne animal ou végétal à laquelle appartient la forme fossile décrite. Ainsi un mémoire sur les Céphalopodes triasiques devra porter l'indice K 65.2231; un mémoire sur les Fougères carbonifères portera l'indice K 55.6700.

Les nombres pour les subdivisions zoologiques sont identiques à ceux qui sont employés dans la classification zoologique. Les nombres pour les subdivisions botaniques sont identiques à ceux qui sont employés dans la classification botanique.

Les symboles alphabétiques pour la Topographie peuvent être ajoutés, si c'est nécessaire. Dans ce cas un mémoire sur les Poissons crétacés de la Turquie d'Asie porterait le symbole K 75.5431 *ei*.

**Paléozoologie ou paléontologie
zoologique.**

	Généralités, y compris les couches d'âge incertain.					Paléozoologie supérieure.		Triasique.		Jurassique.	Crétacé.	Mésozoïque inférieur.		Mésozoïque supérieur.		Paléozoocène et Tertiaires récents.	
	85					50		65		70	75	85		90		95	
0231	Paléozoologie générale	...	...	...	...	50, 0231	55, 0231	65, 0231	70, 0231	75, 0231	85, 0231	90, 0231	95, 0231	95, 0231	95, 0231	95, 0231	95, 0231
5231	Vertébrés	...	...	...	...	50, 5231	55, 5231	65, 5231	70, 5231	75, 5231	85, 5231	90, 5231	95, 5231	90, 5231	90, 5231	95, 5231	95, 5231
6031	Mammifères	...	...	...	...	50, 6031	55, 6031	65, 6031	70, 6031	75, 6031	85, 6031	90, 6031	95, 6031	90, 6031	90, 6031	95, 6031	95, 6031
6831	Oiseaux	...	...	...	...	50, 6831	55, 6831	65, 6831	70, 6831	75, 6831	85, 6831	90, 6831	95, 6831	90, 6831	90, 6831	95, 6831	95, 6831
6931	Reptiles et Batraciens	...	...	...	...	50, 6931	55, 6931	65, 6931	70, 6931	75, 6931	85, 6931	90, 6931	95, 6931	90, 6931	90, 6931	95, 6931	95, 6931
6431	Poissons	...	...	...	...	50, 6431	55, 6431	65, 6431	70, 6431	75, 6431	85, 6431	90, 6431	95, 6431	90, 6431	90, 6431	95, 6431	95, 6431
5031	Tuniciers, Amphioxus, etc.	...	...	...	...	50, 5031	55, 5031	65, 5031	70, 5031	75, 5031	85, 5031	90, 5031	95, 5031	90, 5031	90, 5031	95, 5031	95, 5031
2431	Arthropodes, y compris les Insectes	...	...	...	...	50, 2431	55, 2431	65, 2431	70, 2431	75, 2431	85, 2431	90, 2431	95, 2431	90, 2431	90, 2431	95, 2431	95, 2431
3431	Mollusques	...	...	...	...	50, 3431	55, 3431	65, 3431	70, 3431	75, 3431	85, 3431	90, 3431	95, 3431	90, 3431	90, 3431	95, 3431	95, 3431
3031	Arachnides	...	...	...	...	50, 3031	55, 3031	65, 3031	70, 3031	75, 3031	85, 3031	90, 3031	95, 3031	90, 3031	90, 3031	95, 3031	95, 3031
2831	Xiphosures, Eurypéridés, Trilobites, etc.	...	...	...	...	50, 2831	55, 2831	65, 2831	70, 2831	75, 2831	85, 2831	90, 2831	95, 2831	90, 2831	90, 2831	95, 2831	95, 2831
2631	Crinacés	...	...	...	...	50, 2631	55, 2631	65, 2631	70, 2631	75, 2631	85, 2631	90, 2631	95, 2631	90, 2631	90, 2631	95, 2631	95, 2631
2231	Mollusques, y compris les Céphalopodes, Gastropodes, Amphineures, Scaphopodes, et Lamellibranches (Pelecypodes)	...	...	...	...	50, 2231	55, 2231	65, 2231	70, 2231	75, 2231	85, 2231	90, 2231	95, 2231	90, 2231	90, 2231	95, 2231	95, 2231
2031	Brechiopodes, y compris les Bryozoaires	50, 2031	55, 2031	65, 2031	70, 2031	75, 2031	85, 2031	90, 2031	95, 2031	90, 2031	90, 2031	95, 2031	95, 2031
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1031	Echinodermes	50, 1031	55, 1031	65, 1031	70, 1031	75, 1031	85, 1031	90, 1031	95, 1031	90, 1031	90, 1031	95, 1031	95, 1031
0931	Cœlentérés, y compris les Graptolithoïdes	50, 0931	55, 0931	65, 0931	70, 0931	75, 0931	85, 0931	90, 0931	95, 0931	90, 0931	90, 0931	95, 0931	95, 0931
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0431	Protozoaires	50, 0431	55, 0431	65, 0431	70, 0431	75, 0431	85, 0431	90, 0431	95, 0431	90, 0431	90, 0431	95, 0431	95, 0431
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Paléobotanique ou Paléontologie botanique.		35	50	55	65	70	75	85	90	95
5000	Paléobotanique générale
5100	Dicotylédones	...	...	...	...	...	...	...	...	...
5200	Monocotylédones	...	...	...	...	...	...	...	...	...
5300	Gymnospermes	...	...	...	...	...	...	...	...	...
5400	Cryptogames vasculaires	...	...	...	...	...	...	...	...	...
5500	Mousses et hépatiques	...	...	...	...	...	...	...	...	...
5600	Characées	...	...	...	...	...	...	...	...	...
5700	Algues et Schizophytes	...	...	...	...	...	...	...	...	...
5800	Lichens	...	...	...	...	...	...	...	...	...
5900	Champignons, Bactéries, et Mycétozoaires	...	...	...	...	...	...	...	...	...
6000	Plantes lacertae acida	...	...	...	...	...	...	...	...	...
6100	Paléobotanique générale	35.5000	50.5000	55.500	65.5000	70.5000	75.5000	85.5000	90.5000	95.5000
6200	Dicotylédones	35.5400	50.5400	55.5400	65.5400	70.5400	75.5400	85.5400	90.5400	95.5400
6300	Monocotylédones	35.6000	50.6000	55.6000	65.6000	70.6000	75.6000	85.6000	90.6000	95.6000
6400	Gymnospermes	35.6500	50.6500	55.6500	65.6500	70.6500	75.6500	85.6500	90.6500	95.6500
6500	Cryptogames vasculaires	35.6700	50.6700	55.6700	65.6700	70.6700	75.6700	85.6700	90.6700	95.6700
6600	Mousses et hépatiques	35.7000	50.7000	55.7000	65.7000	70.7000	75.7000	85.7000	90.7000	95.7000
6700	Characées	35.7300	50.7300	55.7300	65.7300	70.7300	75.7300	85.7300	90.7300	95.7300
6800	Algues et Schizophytes	35.7400	50.7400	55.7400	65.7400	70.7400	75.7400	85.7400	90.7400	95.7400
6900	Lichens	35.7600	50.7600	55.7600	65.7600	70.7600	75.7600	85.7600	90.7600	95.7600
7000	Champignons, Bactéries, et Mycétozoaires	35.7700	50.7700	55.7700	65.7700	70.7700	75.7700	85.7700	90.7700	95.7700
7100	Plantes lacertae acida	35.7900	50.7900	55.7900	65.7900	70.7900	75.7900	85.7900	90.7900	95.7900

Internationaler Katalog der naturwissenschaftlichen Litteratur.

(K) PALÄONTOLOGIE.

- 0000 Philosophie.
- 0010 Geschichte. Biographien.
- 0020 Periodica. Berichte von Instituten, Gesellschaften,
Congressen etc.
- 0030 Allgemeine Abhandlungen, Lehrbücher, Wörterbücher,
Bibliographien, Tabellen.
- 0040 Festreden, Vorträge.
- 0050 Pädagogik.
- 0060 Institute, Museen, Sammlungen, Wirthschaftliches und
Organisatorisches.
- 0070 Nomenclatur.
- 0100 Vertheilung des Lebens (des thierischen und pflanzlichen)
in vergangenen Zeiten.
- 0150 Zonare Paläontologie; Mutationen (Formenänderungen in
auf einander folgenden Schichten) etc.
- 0200 Entwicklung. (*Siehe auch* L 4300; N 0223; M 4400.)

Das Zahlensymbol, welches für paläontologische Bücher und Schriften zu benutzen ist, wird gewonnen durch Combination der stratigraphischen geologischen Nummer (zwei Ziffern) mit einer vierziffrigen Zahl, welche die Unterabtheilung des Thier- oder Pflanzenreiches angiebt, zu der die beschriebenen fossilen Formen gehören. So würde eine Abhandlung über triassische Cephalopoden das Symbol erhalten: K 65.2231; eine solche über Farne des Carbon würde zu numeriren sein: K 55.6700.

Die Nummern für die zoologischen Unterabtheilungen sind identisch mit den im zoologischen Schema benutzten. Die Nummern für die botanischen Unterabtheilungen sind identisch mit den im botanischen Schema benutzten.

Wenn nöthig, können die alphabetischen Symbole für Topographie hinzugefügt werden. In diesem Falle würde eine Abhandlung über Fische der Kreide aus der asiatischen Türkei das Symbol tragen: K 75.5431 *ei*.

Paläozoologie.

	Alleghenies, einschl. Schichten von unbekanntem Alter. 35	Unteres Paläozoicum. 50	Oberes Paläozoicum. 55	Trias.	Jura.	Kreide.	Unteres Tertiär. Kocan, Oligocän. 85	Oberes Tertiär. Miocän, Pliocän. 90	Quartär und recente Bildungen. 95
0231 Allgemeine Paläozoologie	35, 0231	50, 0231	55, 0231	65, 0231	70, 0231	75, 0231	85, 0231	90, 0231	95, 0231
5231 Vertebrata	35, 5231	50, 5231	55, 5231	65, 5231	70, 5231	75, 5231	85, 5231	90, 5231	95, 5231
6031 Mammalia	35, 6031	50, 6031	55, 6031	65, 6031	70, 6031	75, 6031	85, 6031	90, 6031	95, 6031
5831 Aves	35, 5831	50, 5831	55, 5831	65, 5831	70, 5831	75, 5831	85, 5831	90, 5831	95, 5831
5631 Reptilia und Batrachia	35, 5631	50, 5631	55, 5631	65, 5631	70, 5631	75, 5631	85, 5631	90, 5631	95, 5631
5431 Pisces	35, 5431	50, 5431	55, 5431	65, 5431	70, 5431	75, 5431	85, 5431	90, 5431	95, 5431
5031 Tunicata, Amphioxus, &c.	35, 5031	50, 5031	55, 5031	65, 5031	70, 5031	75, 5031	85, 5031	90, 5031	95, 5031
2431 Arthropoda, einschl. Insecta	35, 2431	50, 2431	55, 2431	65, 2431	70, 2431	75, 2431	85, 2431	90, 2431	95, 2431
3631 Myriopoda	35, 3631	50, 3631	55, 3631	65, 3631	70, 3631	75, 3631	85, 3631	90, 3631	95, 3631
3831 Arachnida	35, 3831	50, 3831	55, 3831	65, 3831	70, 3831	75, 3831	85, 3831	90, 3831	95, 3831
2831 Xiphosura, Koriambida, Trilobita, &c.	35, 2831	50, 2831	55, 2831	65, 2831	70, 2831	75, 2831	85, 2831	90, 2831	95, 2831
2631 Crustacea	35, 2631	50, 2631	55, 2631	65, 2631	70, 2631	75, 2631	85, 2631	90, 2631	95, 2631
2231 Mollusca einschl. Cephalopoda, Gastropoda, Amphineura, Scaphopoda und Lamellibran- chia (Pelecypoda)	35, 2231	50, 2231	55, 2231	65, 2231	70, 2231	75, 2231	85, 2231	90, 2231	95, 2231
2031 Brachiopoda, einschl. Bryozoa (Polysoa)	35, 2031	50, 2031	55, 2031	65, 2031	70, 2031	75, 2031	85, 2031	90, 2031	95, 2031
1831 Vermes	35, 1831	50, 1831	55, 1831	65, 1831	70, 1831	75, 1831	85, 1831	90, 1831	95, 1831
1031 Echinodermata	35, 1031	50, 1031	55, 1031	65, 1031	70, 1031	75, 1031	85, 1031	90, 1031	95, 1031
0831 Coelenterata, einschl. Graptolithoidea	35, 0831	50, 0831	55, 0831	65, 0831	70, 0831	75, 0831	85, 0831	90, 0831	95, 0831
0631 Porifera	35, 0631	50, 0631	55, 0631	65, 0631	70, 0631	75, 0631	85, 0631	90, 0631	95, 0631
0431 Protozoa	35, 0431	50, 0431	55, 0431	65, 0431	70, 0431	75, 0431	85, 0431	90, 0431	95, 0431
0131 Fossilien zweifelhafter Stellung und Herkunft	35, 0131	50, 0131	55, 0131	65, 0131	70, 0131	75, 0131	85, 0131	90, 0131	95, 0131

Pflanzenpathologie.		35	50	55	65	70	75	85	90	95
5000	Allgemeine Pflanzenpathologie	...	...	...	...	...	...	...	...	...
5400	Dicotyledonen	...	...	...	...	...	...	...	...	...
6000	Monocotyledonen	...	...	...	...	...	...	...	...	...
6500	Gymnospermen	...	...	...	...	...	...	...	...	...
6700	Gefäß-Cryptogamen	...	...	...	...	...	...	...	...	...
7000	Laubmoose und Lebermoose	...	...	...	...	...	...	...	...	...
7300	Characeen	...	...	...	...	...	...	...	...	...
7400	Algen (einschl. der Schizophyceen).	...	...	...	...	...	...	...	...	...
7600	Flechten	...	...	...	...	...	...	...	...	...
7700	Pilze (einschl. der Bakterien und Schleimpilze)	...	...	...	...	...	...	...	...	...
7900	Pflanzen ungewisser Stellung	...	...	...	...	...	...	...	...	...
		35.5000	50.5000	55.5000	65.5000	70.5000	75.5000	85.5000	90.5000	95.5000
		35.5400	50.5400	55.5400	65.5400	70.5400	75.5400	85.5400	90.5400	95.5400
		35.6000	50.6000	55.6000	65.6000	70.6000	75.6000	85.6000	90.6000	95.6000
		35.6500	50.6500	55.6500	65.6500	70.6500	75.6500	85.6500	90.6500	95.6500
		35.6700	50.6700	55.6700	65.6700	70.6700	75.6700	85.6700	90.6700	95.6700
		35.7000	50.7000	55.7000	65.7000	70.7000	75.7000	85.7000	90.7000	95.7000
		35.7300	50.7300	55.7300	65.7300	70.7300	75.7300	85.7300	90.7300	95.7300
		35.7400	50.7400	55.7400	65.7400	70.7400	75.7400	85.7400	90.7400	95.7400
		35.7600	50.7600	55.7600	65.7600	70.7600	75.7600	85.7600	90.7600	95.7600
		35.7700	50.7700	55.7700	65.7700	70.7700	75.7700	85.7700	90.7700	95.7700
		35.7900	50.7900	55.7900	65.7900	70.7900	75.7900	85.7900	90.7900	95.7900

Catalogo Internazionale della Letteratura Scientifica.

(K) PALEONTOLOGIA.

- 0000 Filosofia.
- 0010 Storia. Biografia.
- 0020 Periodici. Resoconti di Istituti, Società, Congressi, ecc.
- 0030 Trattati generali, Manuali, Dizionari, Bibliografie, Indici.
- 0040 Relazioni, Lettere.
- 0050 Pedagogia.
- 0060 Istituti, Musei, Collezioni, Applicazioni pratiche.
- 0070 Nomenclatura.
- 0100 Distribuzione della Vita (Animale e Vegetale) nei passati tempi.
- 0150 Paleontologia Stratigrafica; Mutazioni (Cambiamenti di forma in strati successivi), ecc.
- 0200 Evoluzione. *Vedi anche* L 4300; N 0223; M 4400.

Il simbolo numerico da usarsi per libri e memorie paleontologiche è ottenuto colla combinazione del numero Stratigrafico-Geologico (per due cifre) col numero (quattro cifre) rappresentante la suddivisione del regno animale o vegetale al quale le descritte forme fossili appartengono. Così una memoria sopra Cefalopodi triassici avrà il simbolo K 65.2231; una sovra Felci carbonifere sarà numerata K 55.6700.

I numeri per le suddivisioni zoologiche sono identici con quelli usati nella schedula zoologica. I numeri per le suddivisioni botaniche sono identici con quelli usati nella schedula botanica.

I simboli alfabetici per la Topografia possono venir aggiunti, ove necessario. In tal caso una nota sovra Pesci Cretacei della Turchia Asiatica porterà il simbolo K 75.5431 *ei*.

Paleozoologia.

		35	50	55	65	70	75	85	90	95
		Generale, includente strati di non cono- scita etc.	Paleozoico inferiore.	Paleozoico superiore.	Triassico.	Giurassico.	Cretacico.	Cenozoico Inferiore. Eocene, Oligocene.	Cenozoico superiore. Miocene, Pliocene.	Pleistocene e recente.
0231	Paleozoologia generale	35, 0231	50, 0231	55, 0231	65, 0231	70, 0231	75, 0231	85, 0231	90, 0231	95, 0231
5231	Vertebrata	35, 5231	50, 5231	55, 5231	65, 5231	70, 5231	75, 5231	85, 5231	90, 5231	95, 5231
6031	Mammalia	35, 6031	50, 6031	55, 6031	65, 6031	70, 6031	75, 6031	85, 6031	90, 6031	95, 6031
5831	Aves	35, 5831	50, 5831	55, 5831	65, 5831	70, 5831	75, 5831	85, 5831	90, 5831	95, 5831
5631	Reptilia e Batrachia	35, 5631	50, 5631	55, 5631	65, 5631	70, 5631	75, 5631	85, 5631	90, 5631	95, 5631
5431	Pisces	35, 5431	50, 5431	55, 5431	65, 5431	70, 5431	75, 5431	85, 5431	90, 5431	95, 5431
6031	Tunicata, Amphioxus, etc.	35, 6031	50, 6031	55, 6031	65, 6031	70, 6031	75, 6031	85, 6031	90, 6031	95, 6031
2431	Arthropoda, inclusi Insecta	35, 2431	50, 2431	55, 2431	65, 2431	70, 2431	75, 2431	85, 2431	90, 2431	95, 2431
2431	Myriopoda	35, 2431	50, 2431	55, 2431	65, 2431	70, 2431	75, 2431	85, 2431	90, 2431	95, 2431
2031	Arachnida	35, 2031	50, 2031	55, 2031	65, 2031	70, 2031	75, 2031	85, 2031	90, 2031	95, 2031
2831	Xiphosura, Euripterida, Trilobita, ecc.	35, 2831	50, 2831	55, 2831	65, 2831	70, 2831	75, 2831	85, 2831	90, 2831	95, 2831
2631	Crustacea	35, 2631	50, 2631	55, 2631	65, 2631	70, 2631	75, 2631	85, 2631	90, 2631	95, 2631
2231	Mollusca, inclusi Cephalopoda, Gastropoda, Amphipoda, Scaphopoda e Lamellibranchiata (Pelecypoda)	35, 2231	50, 2231	55, 2231	65, 2231	70, 2231	75, 2231	85, 2231	90, 2231	95, 2231
2031	Brachiopoda, inclusi Bryozoa (Polizoa)	35, 2031	50, 2031	55, 2031	65, 2031	70, 2031	75, 2031	85, 2031	90, 2031	95, 2031
1831	Vermes	35, 1831	50, 1831	55, 1831	65, 1831	70, 1831	75, 1831	85, 1831	90, 1831	95, 1831
1031	Echinodermata	35, 1031	50, 1031	55, 1031	65, 1031	70, 1031	75, 1031	85, 1031	90, 1031	95, 1031
0831	Coelenterata, inclusi Graptolithidea	35, 0831	50, 0831	55, 0831	65, 0831	70, 0831	75, 0831	85, 0831	90, 0831	95, 0831
0631	Porifera	35, 0631	50, 0631	55, 0631	65, 0631	70, 0631	75, 0631	85, 0631	90, 0631	95, 0631
9431	Protozoa	35, 0431	50, 0431	55, 0431	65, 0431	70, 0431	75, 0431	85, 0431	90, 0431	95, 0431
0131	Fossili di dubbia affinità od origine	35, 0131	50, 0131	55, 0131	65, 0131	70, 0131	75, 0131	85, 0131	90, 0131	95, 0131

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Schuchert, Charles. On new Siluric Cystoidea, and a new *Camarocrinus*. Amer. Geol., Minneapolis, Minn., 32, 1903, (230-240).

g NORTH AMERICA.

gg North Eastern United States.

Greene, George K. Contribution to Indiana palaeontology. Part XI. New Albany, Ind., 1903, (98-109, with pl.). 22.8 cm.

i AUSTRALASIA.

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Chapman, Frederick. New or little known Victorian fossils in the National Museum, Melbourne. Pt. I. Some Palaeozoic species. Melbourne, Proc. R. Soc. Vict., 15, (N. Ser.), 1903, (104-122, with pls. XVI-XVIII).

50.1831 VERMES.

g NORTH AMERICA.

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Bonney, T. G. Rock specimens from the Canadian Rocky Mountains. London, Geogr. J., 21, 1903, (498, fig.).

gc Canadian Dominion West.

Bonney, T. G. Specimens [worm-casts] collected by Professor Collie in the Canadian Rocky Mountains. Geol. Mag., London, (ser. 2), [4] 10, 1903, (289-297, pl.).

50.2031 BRACHIOPODA AND BRYOZOA.

g NORTH AMERICA.

gg North Eastern United States.

Clarke, John M[ason] and Ruedemann, Rudolf. Guelph fauna in the State of
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New York [with nn. spp. in Brachiopoda and Mollusca]. Albany Univ., N.Y., Mem. St. Mus., No. 5, 1903, (195, with pl.). 29.8 cm.

Nickles, John M. The Richmond group in Ohio and Indiana and its subdivisions, with a note on the genus *Strophomena* and its type. Amer. Geol., Minneapolis Minn., 32, 1903, (202-218).

Schuchert, Charles. On the Manlius formation of New York. Amer. Geol., Minneapolis, Minn., 31, 1903, (160-178).

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50.2231 MOLLUSCA.

Sardeson, Frederick W[illiam]. The phylogenic stage of the Cambrian Gastropoda. Chicago, Ill., J. Geol. Univ. Chic., 11, 1903, (469-492, with 2 pls.).

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g NORTH AMERICA.

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Limestone at Ottawa. [Reprint], Geol. Mag., London, (ser. 2), [4], 10, 1903, (358, 359, with fig.).

gg North Eastern United States.

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50.2631 CRUSTACEA.

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g NORTH AMERICA.

gg North Eastern United States.

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50.2831 *XIPHOSURA, EURI-
PTERIDA, TRILOBITA,
Etc.*

Reed, F. R. C. Some Wenlock species of *Lichas*. Geol. Mag., London, (ser. 2), [4] **10**, 1903, (2-12).

——— *Brachymetopus strzelecki*, McCoy, 1847. Geol. Mag., London, (ser. 2), [4], **10**, 1903, (193-196, fig.).

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Reed, F. R. C. The Lower Palaeozoic Trilobites of the Girvan district, Ayrshire. I. London, Monogr. Palaeont. Soc., **57**, 1903, (1-48, pls. i-vi.).

e **ASIA.**

eb **China.**

Airaghi, Carlo. Di alcuni trilobiti della Cina. Milano, Atti Soc. ital. sc. nat., **41**, 1902, (17-27, con tav.).

g **NORTH AMERICA.**

gc **Canadian Dominion West.**

Woodward, H. . . . Fossils [Trilobites] from . . . Mount Noyes. Geol. Mag., London, (ser. 2), [4], **10**, 1903, (297, figs.).

gg **North-Eastern United States.**

Clarke, John M[ason]. Notes on paleozoic crustaceans. Albany Univ., N.Y., Rep. St. Mus., No. 54, **1**, (1900), 1902, (83-124, with pl.).

i **AUSTRALASIA.**

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ig **South Australia.**

Etheridge, R. Contributions Nos. 12 and 13 to the palaeontology of South Australia. Adelaide, 1902, (4, with pl.). 33 cm.

55 UPPER PALÆOZOIC.

55.0231 *GENERAL PALÆO-
ZOOLOGY.*

Williams, Henry Shaler. The correlation of geological faunas. [A contribution to Devonian paleontology, with bibliography.] Washington, D.C., U. S. Dept. Int. Bull. Geol. Surv., No. **210**, 1903, (147). 23.2 cm.

d **EUROPE.**

de **German Empire.**

Walther, Karl. Das Unterdevon zwischen Marburg a. L. und Herborn (Nassau). N. Jahrb. Min., Stuttgart, Beilagebd **17**, 1903, (1-75, mit 4 Taf.).

g **NORTH AMERICA.**

Schuchert, Charles. On the faunal provinces of the middle Devonian of America and the Devonian coral sub-provinces of Russia, with two paleographic maps. Amer. Geol., Minneapolis, Minn., **32**, 1903, (137-162, with 2 pls.).

gd **Canadian Dominion East.**

Shimer, Hervey W. and Grabau, Amadeus W. Hamilton group of Thedford, Ontario. Rochester, N.Y., Bull. Geol. Soc. Amer., **13**, 1902, (149-186). Separate. 25.6 cm.

gi **North Eastern United States.**

Butts, Charles. Fossil faunas of the Olean quadrangle. Albany Univ., N.Y., Bull. St. Mus., No. **69**, 1903, (990-995).

Claypole, Edward W[aller]. The Devonian era in the Ohio basin. Amer. Geol., Minneapolis, Minn., **32**, 1903, (79-105, 240-250, 312-322, 335-353, with maps and pl.).

Cleland, Herdman Fitzgerald. A study of the fauna of the Hamilton formation of the Cayuga Lake section in Central New York. [With bibliography.] Washington, D.C., U. S. Dept. Int. Bull. Geol. Surv., No. **206**, 1903, (112, with pl.). 23.2 cm.

Talbot, Mignon. A contribution to a list of the fauna of the Stafford limestone of New York. Amer. J. Sci., New Haven, Conn., (Ser. 4), **16**, 1903, (148-150). Separate. 23.1 cm.

gh South Eastern United States.

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55.0431 PROTOZOA.

d EUROPE.

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Barrois, Charles. Note sur les foraminifères des pritanites carbonifères du Boulonnais. Lille, Ann. soc. géol., **31**, 1902, (40-42).

dk Austria-Hungary.

Schubert, R[ichard] J[ohann] und **Liebus**, Ad[olf]. Vorläufige Mittheilung über Foraminiferen aus dem böhmischen Devon (Etage G—g₃ Barr.). Wien, Verh. Geol. RchsAnst., **1902**, (66).

g NORTH AMERICA.

gi Western United States.

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Foraminiferal ooze in the Coal Measures of Iowa. Chicago, Ill., J. Geol. Univ. Chic., **11**, 1903, (283-284).

55.0631 PORIFERA.

g NORTH AMERICA.

gg North Eastern United States.

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55.0831 COELENTERATA.

Beecher, Charles E[merison]. Observations on the genus *Romingeria*. [Reprinted from the Amer. J. Sci., New Haven, Conn., **16**, 1903, (1-11, with 5 pl.).] 23.1 cm.

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dc German Empire.

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e ASIA.

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Penecke, Karl Alphons. Das Sammelergebnis Dr. Franz Schaffer's aus dem Oberdevon von Hadschin im Antitaurus. Wien, Jahrb. Geol. RchsAnst., 53, 1903, (141-152, mit 4 Taf.).

g NORTH AMERICA.

gg North Eastern United States.

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55.1031 ECHINODERMATA.

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g NORTH AMERICA.

gg North Eastern United States.

Clarke, John M[ason]. *Parapsonema cryptophya*. A peculiar echinoderm from the Intumescens-zone (Portage beds) of western New York. Albany Univ., N.Y., Bull. St. Mus., No. 39, 8, 1900, (172-186, with pl.); Albany Univ., N.Y., Rep. St. Mus., No. 54, 3, (1900), 1902, (172-186, with pl.).

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55.1831 VERMES.

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55.2031 BRACHIOPODA AND BRYOZOA.

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dk Austria-Hungary.

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gi Western United States.

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55.2231 MOLLUSCA.

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Frech, Fritz. Über devonische Am-moneen. Wien, Beitr. Pal. Geol. Ost-Ung., **14**, 1902, (27-112, mit 4 Taf.).

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Shimer, Henry W. and Grabau, A. W. Hamilton group of Thedford, Ontario. Rochester, N.Y., Bull. Geol. Soc. Amer., **13**, 1902, (149-186). Separate. 25.6 cm.

gf United States.

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gg North Eastern United States.

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55.2431 ARTHROPODA, INCLUDING INSECTA.

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g NORTH AMERICA.

gg North Eastern United States.

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gi **Western United States.**

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55.2631 CRUSTACEA.

d **EUROPE.**

de **British Islands.**

Baldwin, W. On *Belinurus bellulus* from Sparth, Rochdale. Manchester, Trans. Geol. Soc., **28**, (8), 1903, (198-203, fig.).

g **NORTH AMERICA.**

gg **North-Eastern United States.**

Clarke, John M[ason]. Notes on paleozoic crustaceans. Albany Univ., N.Y., Rep. St. Mus., No. 54, **1**, (1900), 1902, (83-124, with pl.).

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**55.2831 XIPHOSURA, EURIPTE-
RIDA, TRILOBITA, Etc.**

d **EUROPE.**

de **British Islands.**

Woodward, Henry. Two Trilobites from the Devonian Slates of [Trevose] Cornwall, Geol. Mag., London, (Ser. 2), [4], **10**, 1903, (28-31).

g **NORTH AMERICA.**

gg **North Eastern United States.**

Hitchcock, Charles H[enry]. Notice of a species of *Acilaspis* [*A. whitfieldi*, n. sp.] from a boulder of Marcellus shale, found in drift, at West Bloomfield, New Jersey. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (97-98, with 1 pl.). Separate. 24.5 cm.

55.3031 ARACHNIDA.

d **EUROPE.**

de **British Islands.**

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— Further remarks upon the Carboniferous Arachnid *Anthracosiro*, with the description of a second species of the genus. Geol. Mag., London, (Ser. 2), **10**, 1903, (405-408, fig.).

df **France.**

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g **NORTH AMERICA.**

gg **North Eastern United States.**

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55.5231 VERTEBRATA.

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de **German Empire.**

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g NORTH AMERICA.

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55.5431 PISCES.

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de German Empire.

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Traquair, Ramsay H. On the distribution of the fossil fish-remains in the carboniferous rocks of the Edinburgh district. Edinburgh, Trans. R. Soc., **40**, 1903, (687-707, with pl.).

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fg South Africa.

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gg North Eastern United States.

Sharp, Katherine D. The story of the *Dinichthys*. Amer. Inv., Washington, D.C., **10**, 1903, (263).

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i AUSTRALASIA.

ie New South Wales.

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55.5631 REPTILIA AND BATRACHIA.

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g **NORTH AMERICA.**gi **Western United States.**

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Herr, O. F. Rapport du chef de l'expédition de l'Académie Impériale des sciences à la rivière Beresovka pour chercher un corps de mammoth. (Russ.). St. Petersburg, Bull. Ac. Sc., (sér. 5), **16**, 1902, (137-174, av. 7 pl.).

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eb China.

Schlosser, Max. Die fossilen Säugethiere Chinas nebst einer Odontographie der recenten Antilopen. München, Abh. Ak. Wiss., math.-phys. Cl., **22**, Abt. 1, 1903, (1-221, mit 14 Taf.).

eg Malay Peninsula.

Bougon, Le Pithécanthrope de Java. Naturaliste, Paris, (sér. 2), **24**, 1902, (103).

ei Asiatic Turkey.

Mehring, A[lfred]. *Spalax fritschi* sp. n. foss., aus der Antelias-Höhle am Libanon. Berlin, SitzBer. Ges. natf. Freunde, **1902**, (77-15).

f AFRICA.

fh Madagascar.

Grandidier, Guillaume. *Ilypogeomys australis*, nouvelle espèce de rongeur subfossile de Madagascar. Bul. Muséum, Paris, **1903**, (13-15, av. fig.).

g NORTH AMERICA.

gg North Eastern United States.

Smallwood, W. M. The remains of bear [*Ursus*] and deer [*Cariacus*] on the shores of Onondaga lake [New York]. Science, New York, N.Y., (N. Ser.), **18**, 1903, (26-27).

Wagner, George. Observations on *Platygonus compressus* Le Conte. [With bibliography.] Chicago, Ill., J. Geol. Univ. Chic., **11**, 1903, (777-782).

gh South Eastern United States.

Fearson, K. The fossil man of Lansing, Kansas. Nature, London, **68**, 1903, (7).

gi Western United States.

Knight, Wilbur C. Remains of elephants in Wyoming. Science, New York, N.Y., (N. Ser.), **17**, 1903, (828-829).

Merriam, John C. The Pliocene and Quaternary Canidae of the Great valley of California. Berkeley, Univ. Cal., Bull. Dept. Geol., **3**, 1903, (277-290, with 3 pl.). Separate. 26.8 cm.

Osborn, Henry Fairfield. *Glyptotherium texanum*, a new Glyptodont, from the lower Pleistocene of Texas. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (491-494, with 1 pl.). Separate. 24.5 cm.

Sternberg, Charles H. *Elephas columbi* and other mammals in the swamps of Whitman county, Washington. Science, New York, N.Y., (N. Ser.), **17**, 1903, (511-512).

Upham, Warren. Valley loess and the fossil man of Lansing, Kansas. Amer. Geol., Minneapolis, Minn., **31**, 1903, (25-34).

i AUSTRALASIA.

ie Australia.

Alsberg, M[oritz]. Die neuerdings in Australien aufgefundenen Spuren des Menschen. Verh. Ges. D. Natf., Leipzig, **74** (1902), II, 1, 1903, (175-176).

PALAEOZOOLOGY.

B. ZOOLOGICAL CLASSIFICATION.

0131 FOSSILS OF DOUBTFUL
AFFINITY OR ORIGIN.0131.35 GENERAL, INCLUDING
STRATA OF UNKNOWN
AGE.

Nemertites sudeticus Roem. **Walter**.
Centralbl. Min., Stuttgart, **1903**, (76-78).

0131.70 JURASSIC.

Rhizokorallium hildesiense n. sp.
Menzel, H., Hildesheim, Mitt. Roemer-
Mus., Nr. **17**, 1902, (1-7, mit 1 Taf.).

0131.85 LOWER CAENOZOIC
(EOCENE OLIGOCENE).

Daemonehelix krameri Ammon.
Fuchs, T. Wien, Verh. Geol. RchsAnst.,
1901, (171-172).

0131.95 PLEISTOCENE AND
RECENT.

Barbour, E. H. Science, New York,
N.Y., (N. Ser.), **18**, 1903, (504-505).

0431 PROTOZOA.

0431.35 GENERAL, INCLUDING
STRATA OF UNKNOWN
AGE.

Fusulina alternans n. sp. **Schellwein**,
E. [In: K. Futterer, Durch Asien.

Bd 3.] Berlin, 1903, (125-174, mit 5
Taf.).

Orbitolina. **Egger**, J. G. München,
Abh. Ak. Wiss., math.-phys. Cl., **21**,
1902, (575-600, mit 6 Taf.).

Textularia. **Schubert**, R. J. Wien,
Verh. Geol. RchsAnst., **1902**, (80-85).

0431.75 CRETACEOUS.

Bifarina semibaculi n. sp. **Liebus**, A.
und **Schubert**, R. J. Wien, Jahrb. Geol.
RchsAnst., **52**, **1902**, 1903, (285-310,
mit 1 Taf.).

Calcarina rotula n. sp. **Egger**, J. G.
München, Abh. Ak. Wiss., math.-phys.
Cl., **21**, 1902, (1-230, mit 27 Taf.).

Clavulina. **Liebus**, A. und **Schubert**,
R. J. Wien, Jahrb. Geol. RchsAnst.,
52, **1902**, 1903, (285-310, mit 1 Taf.).

Cristellaria. **Liebus**, A. und **Schubert**,
R. J. Wien, Jahrb. Geol. RchsAnst.,
52, **1902**, 1903, (285-310, mit 1 Taf.).

Cristellaria barbata n. sp. **Egger**,
J. G. München, Abh. Ak. Wiss.,
math.-phys. Cl., **21**, 1902, (1-230, mit
27 Taf.).

Cyclammina. **Liebus**, A. und
Schubert, R. J. Wien, Jahrb. Geol.
RchsAnst., **52**, **1902**, 1903, (285-310,
mit 1 Taf.).

Dimorphina nn. spp. **Egger**, J. G.
München, Abh. Ak. Wiss., math.-phys.
Cl., **21**, 1902, (1-230, mit 27 Taf.).

———— **Liebus**, A. und **Schubert**,
R. J. Wien, Jahrb. Geol. RchsAnst.,
52, **1902**, 1903, (285-310, mit 1 Taf.).

Discorbina. **Liebus**, A. und **Schubert**, R. J. Wien, Jahrb. Geol. RchsAnst., **52**, 1902, 1903, (285-310, mit 1 Taf.).

Flabellina. **Liebus**, A. und **Schubert**, R. J. Wien, Jahrb. Geol. RchsAnst., **52**, 1902, 1903, (285-310, mit 1 Taf.).

Flabellinella praemucronata n. sp. **Liebus**, A. und **Schubert**, R. J. Wien, Jahrb. Geol. RchsAnst., **52**, 1902, 1903, (285-310, mit 1 Taf.).

Frondicularia stachei n. sp. **Liebus**, A. und **Schubert**, R. J. Wien, Jahrb. Geol. RchsAnst., **52**, 1902, 1903, (285-310, mit 1 Taf.).

Frondicularia zitteliana n. sp. **Egger**, J. G. München, Abh. Ak. Wiss., math.-phys. Cl., **21**, 1902, (1-230, mit 27 Taf.).

Gaudryina. **Liebus**, A. und **Schubert**, R. J. Wien, Jahrb. Geol. RchsAnst., **52**, 1902, 1903, (285-310, mit 1 Taf.).

Gaudryina minima n. sp. **Egger**, J. G. München, Abh. Ak. Wiss., math.-phys. Cl., **21**, 1902, (1-230, mit 27 Taf.).

Gümbelina n. gen. (∞ *Textularia*). et nn. spp. **Egger**, J. G. München, Abh. Ak. Wiss., math.-phys. Cl., **21**, 1902, (1-230, mit 27 Taf.).

Haplophragmium nn. spp. **Egger**, J. G. München, Abh. Ak. Wiss., math.-phys. Cl., **21**, 1902, (1-230, mit 27 Taf.).

Lagena. **Liebus**, A. und **Schubert**, R. J. Wien, Jahrb. Geol. RchsAnst., **52**, 1902, 1903, (285-310, mit 1 Taf.).

Nodosaria nn. spp. **Egger**, J. G. München, Abh. Ak. Wiss., math.-phys. Cl., **21**, 1902, (1-230, mit 27 Taf.).

Nodosaria. **Liebus**, A. und **Schubert**, R. J. Wien, Jahrb. Geol. RchsAnst., **52**, 1902, 1903, (285-310, mit 1 Taf.).

Placopeilina bibullata n. sp. **Egger**, J. G. München, Abh. Ak. Wiss., math.-phys. Cl. **21**, 1902, (1-230, mit 27 Taf.).

Planispirina agglutinans n. sp. **Egger**, J. G. München, Abh. Ak. Wiss., math.-phys. Cl., **21**, 1902, (1-230, mit 27 Taf.).

Proroporus. **Liebus**, A. und **Schubert**, R. J. Wien, Jahrb. Geol. RchsAnst., **52**, 1902, 1903, (285-310, mit 1 Taf.).

Proroporus surgens n. sp. **Egger**, J. G. München, Abh. Ak. Wiss., math.-phys. Cl., **21**, 1902, (1-230, mit 27 Taf.).

Pseudotextularia. **Liebus**, A. und **Schubert**, R. J. Wien, Jahrb. Geol. RchsAnst., **52**, 1902, 1903, (285-310, mit 1 Taf.).

Reussina. **Liebus**, A. und **Schubert**, R. J. Wien, Jahrb. Geol. RchsAnst., **52**, 1902, 1903, (285-310, mit 1 Taf.).

Sagrina. **Liebus**, A. und **Schubert**, R. J. Wien, Jahrb. Geol. RchsAnst., **52**, 1902, 1903, (285-310, mit 1 Taf.).

Spiroloculina. **Liebus**, A. und **Schubert**, R. J. Wien, Jahrb. Geol. RchsAnst., **52**, 1902, 1903, (285-310, mit 1 Taf.).

Spiroplecta. **Liebus**, A. und **Schubert**, R. J. Wien, Jahrb. Geol. RchsAnst., **52**, 1902, 1903, (285-310, mit 1 Taf.).

Spiroplecta nn. spp. **Egger**, J. G. München, Abh. Ak. Wiss., math.-phys. Cl., **21**, 1902, (1-230, mit 27 Taf.).

Thurammina splendens n. sp. **Egger**, J. G. München, Abh. Ak. Wiss., math.-phys. Cl. **21**, 1902, (1-230, mit 27 Taf.).

Tritaxia compressa n. sp. **Egger**, J. G. München, Abh. Ak. Wiss., math.-phys. Cl., **21**, 1902, (1-230, mit 27 Taf.).

Truncatulina. **Liebus**, A. und **Schubert**, R. J. Wien, Jahrb. Geol. RchsAnst., **52**, 1902, 1903, (285-310, mit 1 Taf.).

Truncatulina favosoides n. sp. **Egger**, J. G. München, Abh. Ak. Wiss., math.-phys. Cl., **21**, 1902, (1-230, mit 27 Taf.).

Verneuilina. **Liebus**, A. und **Schubert**, R. J. Wien, Jahrb. Geol. RchsAnst., **52**, 1902, 1903, (285-310, mit 1 Taf.).

0431.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE.)

Ammofrondicularia n. gen. *A. angusta* n. sp. **Schubert**, R. J. Wien, Beitr. Pal. Geol. OstUng., **14**, 1902, (9-26, mit 1 Taf.).

Holovina vaccki n. sp. **Schubert**, R. J. Wien, Beitr. Pal. Geol. OstUng., **14**, 1902, (9-26, mit 1 Taf.).

Cyclammina le-beli n. sp. **Herrmann**, A. Strassburg, Mitt. geol. Landesanst., **5**, 1903, (323-341).

Cyclammina uhligi n. sp. **Schubert**, R. J. Wien, Beitr. Pal. Geol. OstUng., **14**, 1902, (9-26, mit 1 Taf.).

Hyperammina pellucida n. sp. **Schubert**, R. J. Wien, Beitr. Pal. ÖstUng., **14**, 1902, (9-26, mit 1 Taf.).

Nummulites. **Schubert**, R. J. Wien, Verh. Geol. RchsAnst., **1901**, (94-98).

Pavonina agglutinans n. sp. **Schubert**, R. J. Wien, Beitr. Pal. Geol. ÖstUng., **14**, 1902, (9-16, mit 1 Taf.).

Trigenerina n. gen. **Schubert**, R. J. Wien, Beitr. Pal. Geol. ÖstUng., **14**, 1902, (9-26, mit 1 Taf.).

Vaginulina sulzensis n. form. **Herrmann**, A. Strassburg, Mitt. geol. Landesanst., **5**, 1903, (263-273).

0431.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Cyclammina le-beli n. sp. **Herrmann**, A. Strassburg, Mitt. geol. Landesanst., **5**, 1903, (323-341).

Faujasina. **Fornasini**, C. Riv. ital. paleont., Bologna, **8**, 1902, (13-15).

Nodosaria scalaris. **Silvestri**, A. Roma, Atti Acc. Nuovi Lincei, **55**, 1902, (49-58, con fig.).

Nubecularia caespitosa n. form. **Steinmann**, G. Wien, Ann. NatHist. Hofmus., **18**, 1903, (112-116).

Polymorphina. **Fornasini**, C. Riv. ital. paleont., Bologna, **8**, 1902, (11-13, con tav.).

Siphogenerina columellaris. **Silvestri**, A. Roma, Atti Acc. Nuovi Lincei, **55**, 1902, (101-104, con fig.).

——— **Silvestri**, A. Roma, Atti Acc. Nuovi Lincei, **56**, 1902, (59-66, con fig.).

Spiroplecta. **Silvestri**, A. Roma, Atti Acc. Nuovi Lincei, **56**, 1902, (59-66, con fig.).

Textularia. **Fornasini**, C. Riv. ital. paleont., Bologna, **8**, 1902, (44-47, con fig.).

Vaginulina sulzensis n. form. **Herrmann**, A. Strassburg, Mitt. geol. Landesanst., **5**, 1903, (263-273).

0431.95 PLEISTOCENE AND RECENT.

Trachelomonas nn. spp. **Palmer**, T. Philadelphia, Pa., Proc. Acad. Nat. Sci., **54**, 1902, (791-795, with pl.).

0631 PORIFERA.

0631.50 LOWER PALAEOZOIC.

Strophochetus n. gen. nn. spp. **Seely**, H. M. Vermont, Rep. Geol., Burlington, **3**, 1901-1902, 1902, (151-161, with pl.).

0631.55 UPPER PALAEOZOIC.

Nepheliospongia n. gen. nn. spp. **Clarke**, J. M. Albany Univ. N.Y., Bull. St. Mus., No. 39, **8**, 1900, (187-194, with pl.); Albany Univ., N.Y., Rep. St. Mus., (187-194, with pl.).

Nepheliospongidae n. fam. **Clarke**, J. M. Albany Univ. N.Y., Bull. St. Mus., No. 39, **8**, 1900, (187-194, with pl.); Albany Univ., N.Y., Rep. St. Mus. (187-194, with pl.).

0631.70 JURASSIC.

Eudictyon n. gen. *E. steinmanni* n. sp. **Bis tram**, A. Freiherr von. Freiburg i. B., Ber. natf. Ges., **13**, 1903, (116-214, mit 8 Taf.).

0631.75 CRETACEOUS.

Craticularia micropora n. sp. **Ungern-Sternberg**, E. Freiherr von. Königsberg, Schr. physik. Ges., **43**, 1902, (132-151, mit 3 Taf.).

Rhizopoterion nn. spp. **Ungern-Sternberg**, E. Freiherr von. Königsberg, Schr. physik. Ges., **43**, 1902, (132-151, mit 3 Taf.).

Thecosiphonia nobilis. **Schrammen**, A. Centralbl. Min., Stuttgart, **1903**, (1923).

Ventriculites nn. spp. **Ungern-Sternberg**, E. Freiherr von. Königsberg, Schr. physik. Ges., **43**, 1902, (132-151, mit 3 Taf.).

0631 COELENTERATA.

0631.45 PALAEOZOIC.

Caractophyllum n. gen. **Simpson**, G. B. Albany Univ., N.Y., Bull. St. Mus., No. 39, **8**, 1900, (199-222); Albany Univ., N.Y., Rep. St. Mus., No. 54, **1900**, **3**, 1902, (199-222).

Cylindrophyllum n. gen. *C. elongatum* n. sp. **Simpson**, G. B. Albany Univ. N.Y., Bull. St. Mus., No. 39, **8**, 1900, (199-222); Albany Univ., N.Y., Rep. St. Mus., No. 54, **1900, 3**, 1902, (199-222).

Ditoecholasma n. gen. **Simpson**, G. B. Albany Univ., N.Y., Bull. St. Mus., No. 39, **8**, 1900, (199-222); Albany Univ., N.Y., Rep. St. Mus., No. 54, **1900, 3**, 1902, (199-222).

Edaphophyllum n. gen. **Simpson**, G. B. Albany Univ., N.Y., Bull. St. Mus., No. 39, **8**, 1900, (199-222); Albany Univ., N.Y., Rep. St. Mus., No. 54, **1900, 3**, 1902, (199-222).

Enterolasma n. gen. **Simpson**, G. B. Albany Univ., N.Y., Bull. St. Mus., No. 39, **8**, 1900, (199-222); Albany Univ., N.Y., Rep. St. Mus., No. 54, **1900, 3**, 1902, (199-222).

Hapsiphyllum n. gen. **Simpson**, G. B. Albany Univ., N.Y., Bull. St. Mus., No. 39, **8**, 1900, (199-222); Albany Univ., N.Y., Rep. St. Mus., No. 54, **1900, 3**, 1902, (199-222).

Homalophyllum n. gen. **Simpson**, G. B. Albany Univ., N.Y., Bull. St. Mus., No. 39, **8**, 1900, (199-222); Albany Univ., N.Y., Rep. St. Mus., No. 54, **1900, 3**, 1902, (199-222).

Kionelasma n. gen. **Simpson**, G. B. Albany Univ., N.Y., Bull. St. Mus., No. 39, **8**, 1900, (199-222); Albany Univ., N.Y., Rep. St. Mus., No. 54, **1900, 3**, 1902, (199-222).

Laceophyllum n. gen. *L. acuminatum* n. sp. **Simpson**, G. B. Albany Univ., N.Y., Bull. St. Mus., No. 39, **8**, 1900, (199-222); Albany Univ., N.Y., Rep. St. Mus., No. 54, **1900, 3**, 1902, (199-222).

Lopholasma n. gen. **Simpson**, G. B. Albany Univ., N.Y., Bull. St. Mus., No. 39, **8**, 1900, (199-222); Albany Univ., N.Y., Rep. St. Mus., No. 54, **1900, 3**, 1902, (199-222).

Meniscophyllum n. gen. *M. minutum* n. sp. **Simpson**, G. B. Albany Univ., N.Y., Bull. St. Mus., No. 39, **8**, 1900, (199-222); Albany Univ., N.Y., Rep. St. Mus., No. 54, **1900, 3**, 1902, (199-222).

Odontophyllum n. gen. **Simpson**, G. B. Albany Univ., N.Y., Bull. St. Mus., No. 39, **8**, 1900, (199-222);

Albany Univ., N.Y., Rep. St. Mus., No. 54, **1900, 3**, 1902, (199-222).

Placophyllum n. gen. *P. tabulatum* n. sp. **Simpson**, G. B. Albany Univ., N.Y., Bull. St. Mus., No. 39, **8**, 1900, (199-222); Albany Univ., N.Y., Rep. St. Mus., No. 54, **1900, 3**, 1902, (199-222).

Prismatophyllum n. gen. **Simpson**, G. B. Albany Univ., N.Y., Bull. St. Mus., No. 39, **8**, 1900, (199-222); Albany Univ., N.Y., Rep. St. Mus., No. 54, **1900, 3**, 1902, (199-222).

Seenophyllum n. gen. **Simpson**, G. B. Albany Univ., N.Y., Bull. St. Mus., No. 39, **8**, 1900, (199-222); Albany Univ., N.Y., Rep. St. Mus., No. 54, **1900, 3**, 1902, (199-222).

Schoenophyllum n. gen. **Simpson**, G. B. Albany Univ., N.Y., Bull. St. Mus., No. 39, **8**, 1900, (199-222); Albany Univ., N.Y., Rep. St. Mus., No. 54, **1900, 3**, 1902, (199-222).

Stereolasma n. gen. **Simpson**, G. B. Albany Univ., N.Y., Bull. St. Mus., No. 39, **8**, 1900, (199-222); Albany Univ., N.Y., Rep. St. Mus., No. 54, **1900, 3**, 1902, (199-222).

Synaptophyllum n. gen. **Simpson**, G. B. Albany Univ., N.Y., Bull. St. Mus., No. 39, **8**, 1900, (199-222); Albany Univ., N.Y., Rep. St. Mus., No. 54, **1900, 3**, 1902, (199-222).

Triplophyllum n. gen. **Simpson**, G. B. Albany Univ., N.Y., Bull. St. Mus., No. 39, **8**, 1900, (199-222); Albany Univ., N.Y., Rep. St. Mus., No. 54, **1900, 3**, 1902, (199-222).

0831.50 LOWER PALAEOZOIC.

Amphigraptus distans n. sp. **Elles**, G. L. and **Wood**, E. M. R. London, Monogr. Palaeont. Soc., **57**, 1903, (124).

Diphyphyllum hillingsi n. sp. **Greene**, G. K. Contribution to Indiana palaeontology. Part XI. New Albany, Ind., 1903, (98-109, with pl.). 22-8 cm.

Eridophyllum louisvillensis n. sp. **Greene**, G. K. Contribution to Indiana palaeontology. Part XI. New Albany, Ind., 1903, (98-109, with pl.). 22.8 cm.

Favosites helderbergiae var. *praecedens* n. var. **Schuchert**, C. Amer. Geol., Minneapolis, Minn., **31**, 1903, (160-178).

Halysites radiatus n. sp. **Whitfield**, R. P. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (489-490, with 2 pls.). Separate. 24.5 cm.

Leplograptus nn. spp. et nn. varr. **Kiles**, (G. L. and **Wood**, E. M. R. (ex Lapworth M.S.). London, Monogr. Palaeont. Soc., **57**, 1903, (115).

Nemagraptus. **Kiles**, G. L. and **Wood**, E. M. R. London, Monogr. Palaeont. Soc., **57**, 1903, (127, 128, 130, 133).

Pleurodictyum megastomum Dun. **Chapman**, F. Melbourne, Proc. R. Soc. Vict., **15**, (N. Ser.), 1903, (105-107, with pl. XVI.).

Pleurograptus linearis (Carr.) var. *simplex* n. var. **Kiles**, G. L. and **Wood**, E. M. R. (ex Lapworth M.S.). London, Monogr. Palaeont. Soc., **57**, 1903, (121).

Rhizophyllum. **Etheridge**, R. jun. Sydney, N.S.W., Rec. Geol. Surv. N. S. Wales, **7**, pt. 3, 1903, (232-233, table 47).

0831.55 UPPER PALAEOZOIC.

Alveolites nn. spp. **Greene**, G. K. Contribution to Indiana palaeontology. Part 14. New Albany, Indiana, 1903, (138 with pl.).

Brooksella rhenana n. sp. **Kinkel**, F. Frankfurt a. M., Ber. Senckenb. Ges., **1903**, Tl 2, (89-96, mit 1 Taf.).

Chonophyllum pygmaeum n. sp. **Greene**, G. K. Contribution to Indiana palaeontology. Part 13. New Albany, Indiana, 1903, (130 with pl.).

Fossopora n. gen. **Etheridge**, R. jun. Sydney, N.S.W., Rec. Austr. Mus., **5**, No. 1, 1903, (16-19, tables 1-2).

Heliophyllum spp. **Greene**, G. K. Contribution to Indiana palaeontology. Part 14. New Albany, Indiana, 1903, (139 with pl.).

Heliophyllum nn. spp. **Greene**, G. K. Contribution to Indiana palaeontology. Part 12, (110-111, with pl.). Part 15, (146-155, with pl.). New Albany, Indiana, 1903. 22.8 cm.

Lonsdaleia multiseptata n. sp. **Enderle**, J. Wien, Beitr. Pal. Geol. OstUng., **13**, 1901, (43-109, mit 5 Taf.).

Michelinia wardi n. sp. **Greene**, G. K. Contribution to Indiana palaeontology. Part 13. New Albany, Indiana, 1903, (130 with pl.).

Phillipsastraea nn. spp. **Penecke**, K. A. Wien, Jahrb. Geol. RchsAnst., **53**, 1903, (141-152, mit 4 Taf.).

Romingeria nn. spp. **Beecher**, C. E. [Reprinted from the Amer. J. Sci., New Haven, Conn., **16**, 1903, (1-11, with 5 pl.).] 23.1 cm.

Striatopora bellistriata n. sp. **Greene**, G. K. Contribution to Indiana palaeontology. Part 12 (112 with pl.). Part 13 (131 with pl.). New Albany, Indiana, 1903.

Thamnophyllum supradeticum n. sp. **Penecke**, K. A. Wien, Jahrb. Geol. RchsAnst., **53**, 1903, (141-152, mit 4 Taf.).

Zaphrentis trisinuatus n. sp. **Greene**, G. K. Contribution to Indiana palaeontology. Part 13. New Albany, Indiana, 1903, (131 with pl.).

Zaphrentis ueberi n. sp. **Greene**, G. K. Contribution to Indiana palaeontology. Part 12. New Albany, Indiana, (111 with pl.).

0831.65 TRIASSIC.

Loxocypora vinasai n. sp. **Giattini**, G. B. Riv. ital. palcont., Bologna, **8**, 1902, (62-66, con tav.).

0831.70 JURASSIC.

Actinaraea. **Felix**, J. Wien, Beitr. Pal. Geol. OestUng., **15**, 1903, (165-183, mit 2 Taf.).

Aplosmilium eueiches n. sp. **Felix**, J. Wien, Beitr. Pal. Geol. OestUng., **15**, 1903, (165-183, mit 2 Taf.).

Barythelia hexacnema n. sp. **Felix**, J. Wien, Beitr. Pal. Geol. OestUng., **15**, 1903, (165-183, mit 2 Taf.).

Calamophyllia tubiporaciformis n. sp. **Felix**, J. Wien, Beitr. Pal. Geol. OestUng., **15**, 1903, (165-183, mit 2 Taf.).

Caryophyllia oppeli n. sp. **Remeš**, M. Wien, Beitr. Pal. Geol. OestUng., **14**, 1902, (195-217, mit 3 Taf.).

Centrastraea nn. sp. **Felix, J.** Wien, Beitr. Pal. Geol. OstUng., **15**, 1903, (165-183, mit 2 Taf.).

Comoseris leptophyes n. sp. **Felix, J.** Wien, Beitr. Pal. Geol. OstUng., **15**, 1903, (165-183, mit 2 Taf.).

Dimorphastraea kobyi n. sp. **Felix, J.** Wien, Beitr. Pal. Geol. OstUng., **15**, 1903, (165-183, mit 2 Taf.).

Diplocoenia. **Felix, J.** Wien, Beitr. Pal. Geol. OstUng., **15**, 1903, (165-183, mit 2 Taf.).

Heterastraea rhaetica. **Tomes, R. F.** London, Q. J. Geol. Soc., **59**, 1903, (403-407, figs.).

Latinaeandra nn. spp. **Felix, J.** Wien, Beitr. Pal. Geol. OstUng., **15**, 1903, (165-183, mit 2 Taf.).

Milleporidium n. gen. **M. remesi** n. sp. **Steinmann, G.** Wien, Beitr. Pal. Geol. OstUng., **15**, 1903, (1-8, mit 2 Taf.).

Stephanocoenia nn. spp. **Felix, J.** Wien, Beitr. Pal. Geol. OstUng., **15**, 1903, (165-183, mit 2 Taf.).

0831.75 CRETACEOUS.

Acanthocoenia neocomiensis n. sp. **Volz, W.** Wien, Beitr. Pal. Geol. OstUng., **15**, 1903, (9-30, mit 2 Taf.).

Actinacis remesi n. sp. **Felix, J.** Centralbl. Min., Stuttgart, **1903**, (561-577).

Alpsomilia crucifera n. sp. **Felix, J.** Palaeontographica, Stuttgart, **49**, 1903, (163-360, mit 9 Taf.).

Astraraea n. nom. = *Thamnastraea multiradiata* Reuss. **Felix, J.** Leipzig, SitzBer. natf. Ges., **26-27**, (1899-1900), 1901, (37-40).

Astraraea n. gen. **Felix, J.** Palaeontographica, Stuttgart, **49**, 1903, (163-360, mit 9 Taf.).

Astogyra n. gen. **Felix, J.** Palaeontographica, Stuttgart, **49**, 1903, (163-360, mit 9 Taf.).

Astogyra n. nom. = *Gyrosnilia edwardsi* Reuss. **Felix, J.** Leipzig, SitzBer. natf. Ges., **26-27**, (1899-1900), 1901, (37-40).

Aulopsammia nn. spp. **Felix, J.** Palaeontographica, Stuttgart, **49**, 1903, (163-360, mit 9 Taf.).

Cerato'rochus amplitrites n. sp. **Felix, J.** Palaeontographica, Stuttgart, **49**, 1903, (163-360, mit 9 Taf.).

Coccophyllum maximum n. sp. **Volz, W.** Wien, Beitr. Pal. Geol. OstUng., **15**, 1903, (9-30, mit 2 Taf.).

Cryptocoenia irregularis n. sp. **Volz, W.** Wien, Beitr. Pal. Geol. OstUng., **15**, 1903, (9-30, mit 2 Taf.).

Cyathophora nn. spp. **Volz, W.** Wien, Beitr. Pal. Geol. OstUng., **15**, 1903, (9-30, mit 2 Taf.).

Cyathophyllum. **Hilber, V.** Wien, Jahrb. Geol. RchsAnst., **52**, **1902**, 1903, (277-284, mit 1 Taf.).

Cyathoseris zitteli n. sp. **Felix, J.** Palaeontographica, Stuttgart, **49**, 1903, (163-360, mit 9 Taf.).

Dimorphastraea irachneri n. sp. **Felix, J.** Palaeontographica, Stuttgart, **49**, 1903, (163-360, mit 9 Taf.).

Diplocoenia hegyesina n. sp. **Volz, W.** Wien, Beitr. Pal. Geol. OstUng., **15**, 1903, (9-30, mit 2 Taf.).

Diploria latisinuata n. sp. **Felix, J.** Palaeontographica, Stuttgart, **49**, 1903, (163-360, mit 9 Taf.).

Elasmocoenia kittliana n. sp. **Felix, J.** Palaeontographica, Stuttgart, **49**, 1903, (163-360, mit 9 Taf.).

Haplaraea pratzii n. sp. **Felix, J.** Palaeontographica, Stuttgart, **49**, 1903, (163-360, mit 9 Taf.).

Haplohelix ornata n. sp. **Felix, J.** Palaeontographica, Stuttgart, **49**, 1903, (163-360, mit 9 Taf.).

Heterocoenia nn. spp. **Felix, J.** Palaeontographica, Stuttgart, **49**, 1903, (163-360, mit 9 Taf.).

Holocystis bukovicensis n. sp. **Volz, W.** Wien, Beitr. Pal. Geol. OstUng., **15**, 1903, (9-30, mit 2 Taf.).

Hydrophora kossmati n. sp. **Felix, J.** Palaeontographica, Stuttgart, **49**, 1903, (162-360, mit 9 Taf.).

Isomogyra nn. spp. **Felix, J.** Palaeontographica, Stuttgart, **49**, 1903, (163-360, mit 9 Taf.).

Latinaeandra nn. spp. **Felix, J.** Palaeontographica, Stuttgart, **49**, 1903, (163-360, mit 9 Taf.).

Litharaea nn. spp. **Felix, J.** Palaeontographica, Stuttgart, **49**, 1903, (163-360, mit 9 Taf.).

Montlivallia latoni n. sp. **Felix, J.** Palaeontographica, Stuttgart, **49**, 1903, (163-360, mit 9 Taf.).

Oculina nn. spp. **Felix, J.** Palaeontographica, Stuttgart, **49**, 1903, (163-360, mit 6 Taf.).

Orbicella ? *texana* n. sp. **Vaughan, T. W.** Washington, D.C., U.S. Dept. Int. Bull. Geol. Surv., No. **205**, 1903, (37-40, with pl.).

Pachygyra microphyes n. sp. **Felix, J.** Palaeontographica, Stuttgart, **49**, 1903, (163-360, mit 9 Taf.).

Parasmilia texana n. sp. **Vaughan, T. W.** Washington, D.C., U.S. Dept. Int. Bull. Geol. Surv., No. **205**, 1903, (37-40, with pl.).

Phyllocoenia roashensis n. sp. **Daqué, E.** Palaeontographica, Stuttgart, **30**, II, 1903, (337-392, mit 3 Taf.).

Phyllosmilia nn. spp. **Felix, J.** Palaeontographica, Stuttgart, **49**, 1903, (163-360, mit 9 Taf.).

Placocoenia nn. spp. **Volz, W.** Wien, Beitr. Pal. Geol. OstUng., **15**, 1903, (9-30, mit 2 Taf.).

Placocoenia major n. sp. **Felix, J.** Palaeontographica, Stuttgart, **49**, 1903, (163-360, mit 9 Taf.).

Placohelia bigemmis n. sp. **Felix, J.** Palaeontographica, Stuttgart, **49**, 1903, (163-360, mit 9 Taf.).

Placosmilia europa n. sp. **Felix, J.** Palaeontographica, Stuttgart, **49**, 1903, (163-360, mit 9 Taf.).

Plesiophyllia acrisionae n. sp. **Felix, J.** Palaeontographica, Stuttgart, **49**, 1903, (163-360, mit 9 Taf.).

Protoseris eretacea n. sp. **Felix, J.** Palaeontographica, Stuttgart, **49**, 1903, (163-360, mit 9 Taf.).

Psilogyra n. gen. *P. telleri* n. sp. **Felix, J.** Palaeontographica, Stuttgart, **49**, 1903, (163-360, mit 9 Taf.).

Stenogyra sinuosa n. sp. **Felix, J.** Palaeontographica, Stuttgart, **49**, 1903, (163-360, mit 9 Taf.).

Styina parvistella n. sp. **Volz, W.** Wien, Beitr. Pal. Geol. OstUng., **15**, 1903, (9-30, mit 2 Taf.).

Thamnaraea nn. spp. **Felix, J.** Palaeontographica, Stuttgart, **49**, 1903, (163-360, mit 9 Taf.).

Thamnastraea nn. spp. **Felix, J.** Palaeontographica, Stuttgart, **49**, 1903, (163-360, mit 9 Taf.).

Trochocyathus microphyes n. sp. **Felix, J.** Palaeontographica, Stuttgart, **49**, 1903, (163-360, mit 9 Taf.).

Trochosmilia nn. spp. **Felix, J.** Palaeontographica, Stuttgart, **49**, 1903, (163-360, mit 9 Taf.).

0831.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

Actinacis nn. spp. **Oppenheim, P.** Wien, Beitr. Pal. Geol. OstUng., **13**, 1901, 141-277, mit 9 Taf.).

Astraeopora mostarensis n. sp. **Oppenheim, P.** Wien, Beitr. Pal. Geol. OstUng., **13**, 1901, (141-277, mit 9 Taf.).

Astrocoenia nn. spp. **Oppenheim, P.** Wien, Beitr. Pal. Geol. OstUng., **13**, 1901, (141-277, mit 9 Taf.).

Azoseris n. gen. *A. hoernesii* n. sp. **Oppenheim, P.** Wien, Beitr. Pal. Geol. OstUng., **13**, 1901, (141-277, mit 9 Taf.).

Barysmilia dalmatina n. sp. **Oppenheim, P.** Wien, Beitr. Pal. Geol. OstUng., **13**, 1901 (141-277, mit 9 Taf.).

Calamophyllia subtilis n. sp. **Oppenheim, P.** Wien, Beitr. Pal. Geol. OstUng., **13**, 1901, (141-277, mit 9 Taf.).

Ceratotrochus clinatus n. sp. **Dennant, J.** Adelaide, S. Aust., Trans. R. Soc., **27**, 1903, (208-215, with pl.).

Circophyllia gibba n. sp. **Oppenheim, P.** Wien, Beitr. Pal. Geol. OstUng., **13**, 1901, (141-277, mit 9 Taf.).

Cladocora ? *bosniaca* n. sp. **Oppenheim, P.** Wien, Beitr. Pal. Geol. OstUng., **13**, 1901, (141-277, mit 9 Taf.).

Cyathomorpha dabricensis n. sp. **Oppenheim, P.** Wien, Beitr. Pal. Geol. OstUng., **13**, 1901, (141-277, mit 9 Taf.).

Cyathoseris dinarica n. sp. **Oppenheim, P.** Wien, Beitr. Pal. Geol. OstUng., **13**, 1901, (141-277, mit 9 Taf.).

Cyclolites rhomboideus n. sp. **Oppenheim**, P. Wien, Beitr. Pal. Geol. Ost Ung., **13**, **1901**, (141-277, mit 9 Taf.).

Cycloseris brazzanensis n. sp. **Oppenheim**, P. Wien, Beitr. Pal. Geol. Ost Ung., **13**, **1901**, (141-277, mit 9 Taf.).

Flabellum bosniacum n. sp. **Oppenheim**, P. Wien, Beitr. Pal. Geol. Ost Ung., **13**, **1901**, (141-277, mit 9 Taf.).

Goniæræa octopartita n. sp. **Oppenheim**, P. Wien, Beitr. Pal. Geol. Ost Ung., **13**, **1901**, (141-277, mit 9 Taf.).

Haimesiastrea conferta. **Vaughan**, T. W. Washington, D.C., Proc. Biol. Soc., **15**, 1902, (205-206).

Heliastrea nn. spp. **Oppenheim**, P. Wien, Beitr. Pal. Geol. Ost Ung., **13**, **1901**, (141-277, mit 9 Taf.).

Hydnophyllia nn. spp. **Oppenheim**, P. Wien, Beitr. Pal. Geol. Ost Ung., **13**, **1901**, (141-277, mit 9 Taf.).

Leptoseris ? *ristella* n. sp. **Oppenheim**, P. Wien, Beitr. Pal. Geol. Ost Ung., **13**, **1901**, (141-277, mit 9 Taf.).

Madrepora nn. spp. **Oppenheim**, P. Wien, Beitr. Pal. Geol. Ost Ung., **13**, **1901**, (141-277, mit 9 Taf.).

Mesomorpha columnaris n. sp. **Oppenheim**, P. Wien, Beitr. Pal. Geol. Ost Ung., **13**, **1901**, (141-277, mit 9 Taf.).

Millepora dalmatina n. sp. **Oppenheim**, P. Wien, Beitr. Pal. Geol. Ost Ung., **13**, **1901**, (141-277, mit 9 Taf.).

Paracyathus marylandicus. **Vaughan**, T. W. Washington, D.C., Proc. Biol. Soc., **15**, 1902, (205-206).

Pattalophyllia dalmatina n. sp. **Oppenheim**, P. Wien, Beitr. Pal. Geol. Ost Ung., **13**, **1901**, (141-277, mit 9 Taf.).

Placosmilia cornu n. sp. **Oppenheim**, P. Wien, Beitr. Pal. Geol. Ost Ung., **13**, **1901**, (141-277, mit 9 Taf.).

Placotrochus nn. spp. **Dennant**, J. Adelaide, S. Aust., Trans. R. Soc., **27**, 1903, (208-215, with pl.).

Platyrochus speciosus. **Vaughan**, T. W. Washington, D.C., Proc. Biol. Soc., **15**, 1902, (207-209).

(K 653)

Pleuropodia n. gen. *P. otrayensis* n. sp. **Dennant**, J. Adelaide, S. Aust., Trans. R. Soc., **27**, 1903, (208-215, with pl.).

Porites crustulum n. sp. **Oppenheim**, P. Wien, Beitr. Pal. Geol. Ost Ung., **13**, **1901**, (141-277, mit 9 Taf.).

Rhabdophyllia fallax n. sp. **Oppenheim**, P. Wien, Beitr. Pal. Geol. Ost Ung., **13**, **1901**, (141-277, mit 9 Taf.).

Stephanosmilia d'achiardii n. sp. **Oppenheim**, P. Wien, Beitr. Pal. Geol. Ost Ung., **13**, **1901**, (141-277, mit 9 Taf.).

Trochocyathus nn. spp. **Dennant**, J. Adelaide, S. Aust., Trans. R. Soc., **27**, 1903, (208-215, with pl.).

Trochoseris nn. spp. **Oppenheim**, P. Wien, Beitr. Pal. Geol. Ost Ung., **13**, **1901**, (144-277, mit 9 Taf.).

Turbinoseris dubravitzensis n. sp. **Oppenheim**, P. Wien, Beitr. Pal. Geol. Ost Ung., **13**, **1901**, (141-277, mit 9 Taf.).

0831.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Caryophyllia californica **Vaughan** n. sp. **Arnold**, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**], in Stanford University, Cal., Leland Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

0831.95 PLEISTOCENE AND RECENT.

Caryophyllia pedroensis **Vaughan** n. sp. **Arnold**, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**], in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

Paracyathus pedroensis **Vaughan** n. sp. **Arnold**, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**], in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

1031 ECHINODERMATA.

1031.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Erisocrinus löczyi n. sp. **Katzer, F.** Grundzüge der Geologie des unteren Amazonasgebietes (des Staates Pará in Brasilien). Leipzig (M. Weg), 1903, (III + 298, mit 4 Portr., 1 Karte).

1031.50 LOWER PALAEOZOIC.

Botryocrinus longibrachiatatus n. sp. **Chapman, F.** Melbourne, Proc. R. Soc. Vict., 15 (N. Ser.), 1903, (108-9, with pl. xviii).

Camarocrinus ulrichi n. sp. **Schuchert, C.** Amer. Geol., Minneapolis, Minn., 32, 1903, (230-240).

Coelocystis n. gen. (Genotype, *Hemicosmites subglobosus* Hall). **Schuchert, C.** Amer. Geol., Minneapolis, Minn., 32, 1903, (230-240).

Helicocrinus n. gen. *H. plumosus* n. sp. **Chapman, F.** Melbourne, Proc. R. Soc. Vict., 15 (N. Ser.), 1903, (107-8, with pls. xvii-xviii).

Jaekelocystis n. gen. *J. hartleyi* n. sp. **Schuchert, C.** Amer. Geol., Minneapolis, Minn., 32, 1903, (230-240).

Pseudocrinites nn. spp. **Schuchert, C.** Amer. Geol., Minneapolis, Minn., 32, 1903, (230-240).

Sphaerocystites globularis n. sp. **Schuchert, C.** Amer. Geol., Minneapolis, Minn., 32, 1903, (230-240).

Stephanocrinus nn. spp. (Rowley). **Greene, G. K.** Contribution to Indiana palaeontology. Part XI. New Albany, Ind., 1903, (98-109, with pl.). 22.8 cm.

1031.55 UPPER PALAEOZOIC.

Aroocrinus casedayi v. *charlestounensis*, Rowley. **Greene, G. K.** Contribution to Indiana palaeontology. Part 14. New Albany, Ind., 1903, (142, with pl.).

Calceocrinus granuliferus n. sp. (Rowley). **Greene, G. K.** Contribution to Indiana palaeontology. Part 12. New Albany, Ind., (114, with pl.).

Carpenteroblastus veryi n. sp. **Greene, G. K.** Contribution to Indiana palaeontology. Part 12. New Albany, Ind., (127, with pl.).

Cidaroblastus parvus n. sp. **Hambach, G.** St. Louis, Mo., Trans. Acad. Sci., 13, 1903, (1-67, with pl.).

Codaster attenuatus, Lyon, Rowley. **Greene, G. K.** Contribution to Indiana palaeontology. Part 12. New Albany, Ind., (128, with pl.).

Cribroblastus nn. spp. **Hambach, G.** St. Louis, Mo., Trans. Acad. Sci., 13, 1903, (1-67, with pl.).

Dolatocrinus spp., n. sp. et n. var. **Greene, G. K.** Contributions to Indiana palaeontology. Part 13. New Albany, Ind., 1903, (132, 134, 136, with pls.).

Dolatocrinus nn. spp. **Greene, G. K.** Contribution to Indiana palaeontology. Part 14. New Albany, Ind., 1903, (140-145, with pls.).

Dolatocrinus (Rowley) nn. spp. et nn. var. **Greene, G. K.** Contribution to Indiana palaeontology. Pt. 15. New Albany, Indiana, 1903, (146-155, with pl.).

Dolatocrinus excazatus var. *incarinatus* n. var. **Greene, G. K.** Contribution to Indiana palaeontology. Part 12. New Albany, Ind., (112, with pl.).

Dolatocrinus pernodosus n. sp. **Greene, G. K.** Contribution to Indiana palaeontology. Part 12. New Albany, Ind., (113, with pl.).

Gennaeocrinus nn. spp. et n. var. **Greene, G. K.** Contribution to Indiana palaeontology. Part 11. New Albany, Ind., 1903, (98-109, with pl.).

Globoblastus nn. spp. **Hambach, G.** St. Louis, Mo., Trans. Acad. Sci., 13, 1903, (1-67, with pl.).

Megistocrinus nn. varr. **Greene, G. K.** Contribution to Indiana palaeontology. Part 11. New Albany, Ind., 1903, (98-100, with pl.).

Megistocrinus rugosus n. sp. L. and C., Rowley. **Greene, G. K.** Contribution to Indiana palaeontology. Part 13. New Albany, Ind., 1903, (131, with pl.).

Megistocrinus spp. var. **Greene, G. K.** Contribution to Indiana palaeontology. Part 14. New Albany, Ind., 1903, (141-145, with pls.).

Metablastus nitidulus, M. and G. Rowley. **Greene**, G. K. Contribution to Indiana palaeontology. Part 12. New Albany, Ind., (128, with pl.).

Nucleocrinus spp. **Greene**, G. K. Contribution to Indiana palaeontology. Part 12. New Albany, Ind., (128-129, with pl.).

Paropsonema n. gen. *P. cryptophya* n. sp. **Clarke**, J. M. Albany Univ. N.Y., Bull. St. Mus., No. 39, 8, 1900, (172-186, with pl.); Albany Univ. N.Y., Rep. St. Mus., No. 54, 1900, 3, 1902, (172-186, with pl.).

Pentremites spp. **Greene**, G. K. Contribution to Indiana palaeontology. Part 12. New Albany, Ind., (115-126, with pls.).

Pentremites nn. spp. **Hambach**, G. St. Louis, Mo., Trans. Acad. Sci., 13, 1903, (1-67, with pl.).

Platyerinus devonicus n. sp. (Rowley). **Greene**, G. K. Contribution to Indiana palaeontology. Part 12. New Albany, Ind., (114, with pl.).

Saccoblastus ventricosus n. sp. **Hambach**, G. St. Louis, Mo., Trans. Acad. Sci., 13, 1903, (1-67, with pl.).

Stemmatocrinus? teryi n. sp. **Greene**, G. K. Contributions to Indiana palaeontology. Part 13. New Albany, Ind., 1903, (133, with pl.).

1031.70 JURASSIC.

Antedon nn. spp. **Remesl**, M. Wien, Beitr. Pal. Geol. OstUng., 14, 1902, (195-217, mit 3 Taf.).

Cyrtocrinus marginatus n. sp. **Remesl**, M. Wien, Beitr. Pal. Geol. OstUng., 14, 1902, (195-217, mit 3 Taf.).

Eugeniocrinus nn. spp. **Remesl**, M. Wien, Beitr. Pal. Geol. OstUng., 14, 1902, (195-217, mit 3 Taf.).

Phyllocrinus cyclamen n. sp. **Remesl**, M. Wien, Beitr. Pal. Geol. OstUng., 14, 1902, (195-217, mit 3 Taf.).

Scleroocrinus nn. spp. **Remesl**, M. Wien, Beitr. Pal. Geol. OstUng., 14, 1902, (195-217, mit 3 Taf.).

1031.75 CRETACEOUS.

Arthraster senonensis n. sp. **Valette**, Dom A. Auxerre, Bul. soc. sci. hist. nat., 56, 1902, (3-26, av. fig.).

Cyphosoma mollenae n. sp. **Paulcke**, W. N. Jahrb. Min., Stuttgart, Beilagebd 17, 1903, (252-312, mit 3 Taf.).

Hemiaster cubicus. **Fourteau**, R. Bul. Muséum, Paris, 1903, (177-180).

Marsupites. **Jukes-Browne**, A. J. Geol. Mag., London, (N. Ser.), [4] 9, 1902, (449-450).

Pentaceros senonensis n. sp. **Valette**, Dom A. Auxerre, Bul. soc. sci. hist. nat., 56, 1902, (3-26, av. fig.).

Porocidaris prior n. sp. **Oppenheim**, P. München, SitzBer. Ak. Wiss., math.-physik. Cl., 32 (1902), 1903, (435-456, mit 1 Taf.).

1031.85 LOWER CAENOZOIC (Eocene, Oligocene).

Brissopsis forojuliensis n. sp. **Oppenheim**, P. Wien, Beitr. Pal. Geol. OstUng., 13, 1901, (141-277, mit 9 Taf.).

Hemiaster basidecorus n. sp. **Oppenheim**, P. Wien, Beitr. Pal. Geol. OstUng., 13, 1901, (141-277, mit 9 Taf.).

Pericosmus tergestinus n. sp. **Oppenheim**, P. Wien, Beitr. Pal. Geol. OstUng., 13, 1901, (141-277, mit 9 Taf.).

1831 VERMES.

1831.70 JURASSIC.

Serpula torquata n. sp. **Remesl**, M. Wien, Beitr. Pal. Geol. OstUng., 14, 1902, (195-217, mit 3 Taf.).

1831.85 LOWER CAENOZOIC (Eocene, Oligocene)

Serpula nn. spp. **Oppenheim**, P. Wien, Beitr. Pal. Geol. OstUng., 13, 1901, (141-277, mit 9 Taf.).

1831.95 PLEISTOCENE AND RECENT.

Planaria alpina. Voigt, W. Verh. D. Geogr. Tag., Berlin, **14**, 1903, (216-224).

Polycelis cornuta. Voigt, W. Verh. D. Geogr. Tag., Berlin, **14**, 1903, (216-224).

2031 BRACHIOPODA AND BRYOZOA.

BRACHIOPODA.

2031.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Aulopocella n. gen. = *A. tubulifera*. Maplestone, C. M. Vict. Nat., Melbourne, **20**, 1903, (99).

Orthotichia poecki n. sp. Katser, F. Grundzüge der Geologie des unteren Amazonasgebietes (des Staates Pará in Brasilien). Leipzig (M. Weg), 1903, (III + 298, mit 4 Portr., 1 Karte). 26 cm. 14 M.

Productus abichi Waagen. Noetling, F. Centralbl. Min., Stuttgart, **1903**, (529-531).

Productus amazonicus n. sp. Katser, F. Grundzüge der Geologie des unteren Amazonasgebietes (des Staates Pará in Brasilien). Leipzig (M. Weg), 1903, (III + 298, mit 4 Portr., 1 Karte.). 26 cm. 14 M.

Spirifer piracanicensis n. sp. Katser, F. Grundzüge der Geologie des unteren Amazonasgebietes (des Staates Pará in Brasilien). Leipzig (M. Weg), 1903, (III + 298, mit 4 Portr., 1 Karte).

2031.45 PALAEOZOIC.

Platystrophia. Cummings, E. R. Amer. J. Sci., New Haven, Conn., (Ser. 4), **15**, 1903, (1-48, 121-136, with pl.).

2031.50 LOWER PALAEOZOIC.

Chonetes nn. spp. Chapman, F. Melbourne; Proc. R. Soc. Vict., **16**, (N. Ser.), 1903, (74-78, with pls. xi-xii).

Craniella lata n. sp. Chapman, F. Melbourne; Proc. R. Soc. Vict., **16**, (N. Ser.), 1903, (68-69, with pl. X).

Lingula latior nn. spp. Chapman, F. Melbourne; Proc. R. Soc. Vict., **16**, (N. Ser.), 1903, (64-65, with pl. X).

Monomerella noteboracum n. sp. Clarke, J. M. and Euedemann, R. Albany Univ., N.Y., Mem. St. Mus., No. 5, 1903, (195, with pl.). 29.8 cm.

Orbiculoidea selwyni n. sp. Chapman, F. Melbourne, Proc. R. Soc. Vict., **16**, (N. Ser.), 1903, (66-68, with pl. X).

Plectambonites cresswelli nn. spp. Chapman, F. Melbourne, Proc. R. Soc. Vict., **16**, (N. Ser.), 1903, (72-74, with pl. XI).

Rhynchonella ? *litchfieldensis* n. sp. Schuchert, C. Amer. Geol., Minneapolis, Minn., **31**, 1903, (160-178).

Siphonotreta australis n. sp. Chapman, F. Melbourne, Proc. R. Soc. Vict., **16**, (N. Ser.), 1903, (65-66, with pl. X).

Siphonotreta maceoyi n. sp. Chapman, F. Melbourne, Proc. R. Soc. Vict., **15**, (N. Ser.), 1903, (118-119, with pl. XVIII).

Stropheodonta (*Brachyprion*) *lilydalenensis* n. sp. Chapman, F. Melbourne, Proc. R. Soc. Vict., **16**, (N. Ser.), 1903, (70-71, with pls. XI-XII).

Stropheodonta (*Leptostrophia*) *alata* n. sp. Chapman, F. Melbourne, Proc. R. Soc. Vict., **16**, (N. Ser.), 1903, (69-70, with pl. X).

Strophomena. Nickles, J. M. Amer. Geol., Minneapolis, Minn., **32**, 1903, (202-218).

Strophonella euglyphoides n. sp. Chapman, F. Melbourne, Proc. R. Soc. Vict., **16**, (N. Ser.), 1903, (71-72, with pl. XII).

Uncinulus stricklandi Sow. spp. Chapman, F. Melbourne, Proc. R. Soc. Vict., **16**, (N. Ser.), 1903, (78).

2031.55 UPPER PALAEOZOIC.

Ambocoelia umbonata Conr. Reed, F. R. C. Cape Town, Ann. S. Afric. Mus., **4**, 1903, (186, pl. XXIII, fig. 5).

Camarotoechia nitida n. sp. **Kindle**, E. M. Indiana, Rep. Dept. Geol. Nat. Res., Indianapolis, **25**, 1900, 1901, (529-758, with pl.).

Chonetes spp. **Reed**, F. R. C. Cape Town, Ann. S. Afric. Mus., **4**, 1903 (171-174, pls. XX-XXI, figs. 1-5, 9-12).

Chonetes crassilesta n. sp. **Gürlich**, G. Wien, Beitr. Pal. Geol. OestUng., **15**, 1903, (127-164, mit 2 Taf.).

Cryptonella spp. **Reed**, F. R. C. Cape Town, Ann. S. Afric. Mus., **4**, 1903, (179-180, pl. XXII, figs. 1-3).

Gypidula romingeri var. *indianensis* n. var. **Kindle**, E. M. Indiana, Rep. Dept. Geol. Nat. Res., Indianapolis, **25**, 1900, 1901, (529-758, with pl.).

Leiorhynchus nn. spp. **Gürlich**, G. Wien, Beitr. Pal. Geol. OestUng., **15**, 1903, (127-164, mit 2 Taf.).

Leptocoelia flabellites Conr. **Reed**, F. R. C. Cape Town, Ann. S. Afric. Mus., **4**, 1903, (189, pl. XXIII, fig. 10).

Lingula spp. **Reed**, F. R. C. Cape Town, Ann. S. Afric. Mus., **4**, 1903, (167, pl. XX, figs. 1-3).

Martinia williamsi n. sp. **Kindle**, E. M. Indiana, Rep. Dept. Geol. Nat. Res., Indianapolis, **25**, 1900, 1901, (529-758, with pl.).

Orbiculoidea baini Morr. and Sharp. **Reed**, F. R. C. Cape Town, Ann. S. Afric. Mus., **4**, 1903, (168, pl. XX, figs. 4-5).

Orthis sp.? **Reed**, F. R. C. Cape Town, Ann. S. Afric. Mus., **4**, 1903, (175, pl. XXI, fig. 6).

Orthis tectiformis n. sp. **Walther**, K. N. Jahrb. Min., Stuttgart, Beilagebd., **17**, 1903, (1-75, mit 4 Taf.).

Orthothetes sullivanii Morr. and Shp. **Reed**, F. R. C. Cape Town, Ann. S. Afric. Mus., **4**, 1903, (170, pl. XX, fig. 8).

Productus nn. spp. **Enderle**, J. Wien, Beitr. Pal. Geol. OstUng., **13**, 1901, (43-109, mit 5 Taf.).

Rensselaeria spp. **Reed**, F. R. C. Cape Town, Ann. S. Afric. Mus., **4**, 1903, (176-178, pl. XXI, figs. 8-10).

Reticularia wabashensis n. sp. **Kindle**, E. M. Indiana, Rep. Dept. Geol. Nat. Res., Indianapolis, **25**, 1900, 1901, (529-758, with pl.).

Retzia. **Reed**, F. R. C. Cape Town, Ann. S. Afric. Mus., **4**, 1903, (187, pl. XXIII, figs. 6-7).

Rhynchonella (*Camarotoechia*). **Reed**, F. R. C. Cape Town, Ann. S. Afric. Mus., **4**, 1903, (175, pl. XXI, fig. 7).

Rhynchonella depressa n. sp. *R. gainesi* var. *cassensis* n. var. **Kindle**, E. M. Indiana, Rep. Dept. Geol. Nat. Res., Indianapolis, **25**, 1900, 1901, (529-758, with pl.).

Rhynchospira? **Reed**, F. R. C. Cape Town, Ann. S. Afric. Mus., **4**, 1903, (188, pl. XXIII, figs. 8-9).

Seminula argentia (Shepard) Hall. **Beede**, J. W. Indianapolis, Ind., Proc. Acad. Sci., **1901**, 1902, (221-222). [Abstract].

Spirifer nn. spp. **Gürlich**, G. Wien, Beitr. Pal. Geol. OestUng., **15**, 1903, (127-164, mit 2 Taf.).

Spirifer cerea n. sp. **Reed**, F. R. C. Cape Town, Ann. S. Afric. Mus., **4**, 1903, (183-185, 194, pl. XXII, figs. 6-7; pl. XXIII, figs. 1-5).

Spirifer gregarius var. *greeni*. n. var. **Kindle**, E. M. Indiana, Rep. Dept. Geol. Nat. Res., Indianapolis, **25**, 1900, 1901, (529-758, with pl.).

Spirifer melissensis n. sp. **Enderle**, J. Wien, Beitr. Pal. Geol. OstUng., **13**, 1901, (43-109, mit 5 Taf.).

Spirifer mucronatus nn. varr. **Shimer**, H. W. and **Grabau**, A. W. Rochester, N.Y., Bull. Geol. Soc. Amer., **13**, 1902, (149-186).

Spiriferina? *baliensis*. **Enderle**, J. Wien, Beitr. Pal. Geol. OstUng., **13**, 1901, (43-109, mit 5 Taf.).

Stropheodonta cf. *concinna* M. & S. **Reed**, F. R. C. Cape Town, Ann. S. Afric. Mus., **4**, 1903, (169, pl. XX, fig. 6).

Strophonella. **Reed**, F. R. C. Cape Town, Ann. S. Afric. Mus., **4**, 1903, (169, pl. XX, fig. 7).

Trigleria. **Reed**, F. R. C. Cape Town, Ann. S. Afric. Mus., **4**, 1903, (178, pl. XXI, figs. 11, 12).

Vitulina pustulosa Hall. **Reed**, F. R. C. Cape Town, Ann. S. Afric. Mus., **4**, 1903, (191, pl. XXIII, fig. 11).

2031.65 TRIASSIC.

Amphiclinina bukowskii n. sp. **Bittner**, A. Wien, Jahrb. Geol. RchsAnst., **52**, 1902, 1903, (495-643, mit 10 Taf.).

Amphiclinodonta katzeri n. sp. **Bittner**, A. Wien, Jahrb. Geol. RchsAnst., **52**, 1902, 1903, (495-643, mit 10 Taf.).

Anisacinelina v. *Spirigera*.

Aulacothyris nn. spp. **Bittner**, A. Wien, Jahrb. Geol. RchsAnst., **52**, 1902, 1903, (495-643, mit 10 Taf.).

Cyrtina nn. spp. **Bittner**, A. Wien, Jahrb. Geol. RchsAnst., **52**, 1902, 1903, (495-643, mit 10 Taf.).

Retzia magnifica n. sp. **Bittner**, A. Wien, Jahrb. Geol. RchsAnst., **52**, 1902, 1903, (495-643, mit 10 Taf.).

Rhynchonella nn. spp. **Bittner**, A. Wien, Jahrb. Geol. RchsAnst., **52**, 1902, 1903, (495-643, mit 10 Taf.).

Spiriferina nn. spp. **Bittner**, A. Wien, Jahrb. Geol. RchsAnst., **52**, 1902, 1903, (495-643, mit 10 Taf.).

Spirigera nn. spp. **Bittner**, A. Wien, Jahrb. Geol. RchsAnst., **52**, 1902, 1903, (495-643, mit 10 Taf.).

Stolzenburgiella n. subgen. (*Spirigera*) *S. bukowskii*. **Bittner**, A. Wien, Jahrb. Geol. RchsAnst., **52**, 1902, 1903, (495-643, mit 10 Taf.).

Terebratula nn. spp. **Bittner**, A. Wien, Jahrb. Geol. RchsAnst., **52**, 1902, 1903, (495-643, mit 10 Taf.).

Thecospira textilis n. sp. **Bittner**, A. Wien, Jahrb. Geol. RchsAnst., **52**, 1902, 1903, (495-643, mit 10 Taf.).

Waldheimia planoconvexa n. sp. **Bittner**, A. Wien, Jahrb. Geol. RchsAnst., **52**, 1902, 1903, (495-643, mit 10 Taf.).

2031.75 CRETACEOUS.

Kingena blauenhorstii n. sp. **Dacqué**, F. Palaeontographica, Stuttgart, **30**, II, 1903, (337-392, mit 3 Taf.).

Kingena newtoni. **Walker**, J. F. [In Lamplugh, G. W. and Walker, J. F.] London, Q. J. Geol. Soc., **59**, 1903, (258).

Magas lateseriata. **Walker**, J. F. [In Lamplugh, G. W. and Walker, J. F.] London, Q. J. Geol. Soc., **59**, 1903, (254).

Rhynchonella. **Walker**, J. F. [In Lamplugh, G. W. and Walker, J. F.] London, Q. J. Geol. Soc., **59**, 1903, (260).

Terebratella menardi Lam. var. *pterygotos*. **Walker**, J. F. [In Lamplugh, G. W. and Walker, J. F.] London, Q. J. Geol. Soc., **59**, 1903, (256).

Terebratula bicipitata Sow. var. *gigantea*. **Walker**, J. F. [In Lamplugh, G. W. and Walker, J. F.] London, Q. J. Geol. Soc., **59**, 1903, (250).

Terebratula lyra (Sow) var. *incurvispinosa*. **Walker**, J. F. [In Lamplugh, G. W. and Walker, J. F.] London, Q. J. Geol. Soc., **59**, 1903, (255).

Zeilleria convexiformis. **Walker**, J. F. [In Lamplugh, G. W. and Walker, J. F.] London, Q. J. Geol. Soc., **59**, 1903, (253).

2031.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE.)

Terebratula hoeferi n. sp. **Oppenheim**, P. Wien, Beitr. Pal. Geol. Ost-Ung., **13**, 1901, (141-277, mit 9 Taf.).

2031.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE.)

Rhynchopora incurvata n. sp. **Neviani** A. Roma, Boll. Soc. geol. ital., **21**, 1902, (260-262, con fig.).

Terebratalia smithi n. sp. **Arnold**, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**], in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

BRYOZOA.

2031.45 PALAEOZOIC.

Dekayia perforandosa n. nom. (= *Monticulipora mammulata* D'Orbigny). **Cummings**, E. R. Amer. Geol., Minneapolis, Minn., **29**, 1902, (197-217, with 4 pl.).

Dekayia subfronlosa n. sp. et nn. varr. **Cummings**, E. R. Amer. Geol., Minneapolis, Minn., **29**, 1902, (197-217, with 4 pl.).

2031.50 LOWER PALAEOZOIC.

Fenestella australis nn. spp. **Chapman**, F. Melbourne, Proc. R. Soc. Vict., **16**, (N. Ser.), 1903, (61-63, with pl. X).

2031.55 UPPER PALAEOZOIC.

Katostomella le'a n. sp. **Condra**, G. E. Amer. Geol., Minneapolis, Minn., **30**, 1902, (337-359, with 8 pl.).

Cyclotrypa ? *barberi* Ulrich. n. sp. **Condra**, G. E. Amer. Geol., Minneapolis, Minn., **30**, 1902, (337-359, with 8 pl.).

Cystodictya anisopora n. spp. **Condra**, G. E. Amer. Geol., Minneapolis, Minn., **30**, 1902, (337-359, with 8 pl.).

Etactinopora castletoniensis n. sp. **Barnes**, J. Manchester, Trans. Geol. Soc., **28** (9), 1903, (243-245, fig.).

Fenestella nn. spp. and n. var. **Condra**, G. E. Amer. Geol., Minneapolis, Minn., **30**, 1902, (337-359, with 8 pl.).

Fistulipora carbonaria var. *nebrascensis* n. var. **Condra**, G. E. Amer. Geol., Minneapolis, Minn., **30**, 1902, (337-359, with 8 pl.).

Meekopora prosseri Ulrich. n. sp. **Condra**, G. E. Amer. Geol., Minneapolis, Minn., **30**, 1902, (337-359, with 8 pl.).

Polypora nn. spp. **Condra**, G. E. Amer. Geol., Minneapolis, Minn., **30**, 1902, (337-359, with 8 pl.).

Rhombopora lepidodendroides. **Condra**, G. E. Amer. Geol., Minneapolis, Minn., **31**, 1903, (22-24, with pl.).

Stenopora nn. spp. **Condra**, G. E. Amer. Geol., Minneapolis, Minn., **30**, 1902, (337-359, with 8 pl.).

Thamiscus palmatus n. sp. (Provisional). *T. pinnatus* n. sp. **Condra**, G. E. Amer. Geol., Minneapolis, Minn., **30**, 1902, (337-359, with 8 pl.).

2031.75 CRETACEOUS.

Ceriopora multiformis Mayer-Eymar n. sp. **Dacqué**, E. Palaeontographica, Stuttgart, **30**, II, 1903, (337-392, mit 3 Taf.).

2031.80 CAENOZOIC.

Cellepora stellata n. sp. **Maplestone**, C. M. Melbourne, Proc. R. Soc. Vict., **16**, (N. Ser.), 1903, (142-3, with 1. xvi).

Dimorphocella n. gen. *D. pyriformis* n. sp. **Maplestone**, C. M. Melbourne, Proc. R. Soc. Vict., **16** (N. Ser.), 1903, (140-1, with pl. xvi).

Hornera airensis n. sp. **Maplestone**, C. M. Melbourne, Proc. R. Soc. Vict., **16**, (N. Ser.), 1903, (146, with pl. xvii).

Phylactella er'broza n. sp. **Maplestone**, C. M. Melbourne, Proc. R. Soc. Vict., **16**, (N. Ser.), 1903, (141-2, with pl. xvi).

Retepora nn. spp. **Maplestone**, C. M. Melbourne, Proc. R. Soc. Vict., **16**, (N. Ser.), 1903, (143-6, with pl. xvi-xviii).

Schismopora nn. spp. **Maplestone**, C. M. Melbourne, Proc. R. Soc. Vict., **16**, (N. Ser.), 1903, (142-3, with pl. xvi).

Solenopora n. gen. *S. tubulifera* n. sp. **Maplestone**, C. M. Melbourne, Proc. R. Soc. Vict., **16**, (N. Ser.), 1903, (143, with pl. xvi).

2031.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Protulophila gestroi. **Neuviani**, A. Roma, Boll. Soc. geol. ital., **21**, 1902, (41-49, con tav.).

Terebripora manzonii. **Neuviani**, A. Roma, Boll. Soc. geol. ital., **21**, 1902, (41-49, con tav.).

2231 MOLLUSCA.

CEPHALOPODA.

2231.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Nauutilus bidorsatus. **Franz**, V. N. Jahrb. Min., Stuttgart, Beilagebd **17** 1903, (486-497).

Orthoceras. **Ruedemann**, R. Amer. Geol., Minneapolis, Minn., **31**, 1903, (199-217).

Xenodiscus tanguticus n. sp. **Schellwien**, E. [In: K. Futterer, Durch Asien. Bd 3], Berlin, 1903, (125-174, mit 5 Taf.).

2231.45 PALAEOZOIC.

Orthoceras. **Pötsch**, P. Prag, SitzBer. Böhm. Ges. Wiss., **1902**, 1903, No. LII, 6, mit 1 Taf.).

2231.50 LOWER PALAEOZOIC.

Cyrtoceras bovinum n. sp. **Clarke**, J. M. and **Ruedemann**, R. Albany Univ., N.Y., Mem. St. Mus., No. **5**, 1903, (195, with pl.). 29.8 cm.

Cyrtorhizoceras curvicastratum n. sp. **Clarke**, J. M. and **Ruedemann**, R. Albany Univ., N.Y., Mem. St. Mus., No. **5**, 1903, (195, with pl.). 29.8 cm.

Gyroceras farcimen n. sp. **Clarke**, J. M. and **Ruedemann**, R. Albany Univ., N.Y., Mem. St. Mus., No. **5**, 1903, (195, with pl.). 29.8 cm.

Orthoceras trusitum n. sp. **Clarke**, J. M. and **Ruedemann**, R. Albany Univ., N.Y., Mem. St. Mus., No. **5**, 1903, (195, with pl.). 29.8 cm.

Poterioceras sauridens n. sp. **Clarke**, J. M. and **Ruedemann**, R. Albany Univ., N.Y., Mem. St. Mus., No. **5**, 1903, (195, with pl.). 29.8 cm.

Protophragmoceras patronus n. sp. **Clarke**, J. M. and **Ruedemann**, R. Albany Univ., N.Y., Mem. St. Mus., No. **5**, 1903, (195, with pl.). 29.8 cm.

2231.55 UPPER PALAEOZOIC.

Aganides nn. spp. **Frech**, F. Wien, Beitr. Pal. Geol. OstUng., **14**, 1902, (27-112, mit 4 Taf.).

Aganides discoidalis n. sp. **Smith**, J. P. Washington, D.C., Dept. Int. U. S. Geol. Surv., Monogr., **42**, 1903, (211 + iii, with pl.). 30 cm.

Agathiceras ciscoense n. sp. **Smith**, J. P. Washington, D.C., Dept. Int. U. S. Geol. Surv., Monogr., **42**, 1903, (211 + iii, with pl.). 30 cm.

Aphyllites barroisi n. sp. **Frech**, F. Wien, Beitr. Pal. Geol. OstUng., **14**, 1902, (27-112, mit 4 Taf.).

Pactrites carbonarius n. sp. **Smith**, J. P. Washington, D.C., Dept. Int. U. S. Geol. Surv., Monogr., **42**, 1903, (211 + iii, with pl.). 30 cm.

Beloceras praecursor n. sp. **Frech**, F. Wien, Beitr. Pal. Geol. OstUng., **14**, 1902, (27-112, mit 4 Taf.).

Beyrichoceras n. sub-gen. **Foord**, A. H. London, Monogr. Palaeont. Soc., **57**, 1903, (163, 219).

Brancoceras ennikillenense n. sp. **Foord**, A. H. London, Mon. Palaeont. Soc., **57**, 1903, (208).

Clymenia nn. spp. **Frech**, F. Wien, Beitr. Pal. Geol. OstUng., **14**, 1902, (27-112, mit 4 Taf.).

Cyrtoceras expansum n. sp. **Kindle**, E. M. Indiana, Rep. Dept. Geol. Nat. Res., Indianapolis, **25**, 1900, 1901, (529-758, with pl.).

Denckmannia bredonensis. **Buckmann**, S. S. London, Q. J. Geol. Soc., **59**, 1903, (459).

Dimorphoceras texanum n. sp. **Smith**, J. P. Washington, D.C., Dept. Inst. U. S. Geol. Surv., Monogr., **42**, 1903, (211 + iii, with pl.).

Epilornoceras n. subgen. [von *Tornoceras*]. *E. irideum* n. sp. . . . **Frech**, F. Wien, Beitr. Pal. Geo. OstUng., **14**, 1902, (27-112, mit 4 Taf.).

Gastrioceras n. spp. **Foord**, A. H. London, Mon. Palaeont. Soc., **57**, 1903, (200).

Gastrioceras welleri n. sp. **Smith**, J. P. Washington, D.C., Dept. Int. U. S. Geol. Surv., Monogr., **42**, 1903, (211 + iii, with pl.). 30 cm.

Glyphioceras (*Beyrichoceras*) nn. spp. **Foord**, A. H. London, Monogr. Palaeont. Soc., **57**, 1903, (168).

Glyphioceras (*Muensteroceras*). nn. spp. **Foord**, A. H. London, Monogr. Palaeont. Soc., **57**, 1903, (193).

Goniatites nn. spp. **Kindle**, M. Indiana, Rep. Dept. Geol. Nat. Res., Indianapolis, **25**, 1900, 1901, (529-758, with pl.).

Goniatites neusomi n. sp. **Smith**, J. P. Washington, D.C., Dept. Int. U. S. Geol. Surv., Monogr., **42**, 1903, (211 + iii, with pl.). 30 cm.

Gonioclymenia uhligi n. sp. **Frech**, F. Wien, Beitr. Pal. Geol. OstUng., **14**, 1902, (27–112, mit 4 Taf.).

Gonioboceras welleri n. sp. **Smith**, J. P. Washington, D.C., Dept. Int. U. S. Geol. Surv., Monogr., **42**, 1903, (211 + iii, with pl.). 30 cm.

Gyroceras indianense n. sp. **Kindle**, E. M. Indiana, Rep. Dept. Geol. Nat. Res., Indianapolis, **25**, 1900, 1901, (529–758, with pl.).

Maenoceras koeneni n. sp. **Frech**, F. Wien, Beitr. Pal. Geol. OstUng., **14**, 1902, (27–112, mit 4 Taf.).

Orthoceras. **Clarke**, J. M. Albany, Univ. N.Y., Bull. St. Mus., No. 39, **8**, 1900, (167–171, with pl.); Albany Univ., N.Y., Rep. St. Mus., No. 54, **1900**, **3**, 1902, (167–171, with pl.).

Paralegoceras newsoni n. sp. **Smith**, J. P. Washington, D.C., Dept. Int. U. S. Geol. Surv., Monogr., **42**, 1903, (211 + iii, with pl.). 30 cm.

Paralytoceras n. subgen. [von *Sporadoceras*]. **Frech**, F. Wien, Beitr. Pal. Geol. OstUng., **14**, 1902, (27–112, mit 4 Taf.).

Popanoceras ganti n. sp. **Smith**, J. P. Washington, D.C., Dept. Int. U. S. Geol. Surv. Monogr., **42**, 1903, (211 + iii, with pl.). 30 cm.

Prodromites ornatus n. sp. **Smith**, J. P. Washington, D.C., Dept. Int. U. S. Geol. Surv., Monogr., **42**, 1903, (211 + iii, with pl.). 30 cm.

Prolecanites gurleyi n. sp. **Smith**, J. R. Washington, D.C., Dept. Int. U. S. Geol. Surv., Monogr., **42**, 1903, (211 + iii, with pl.). 30 cm.

Prolecanites nn. spp. **Frech**, F. Wien, Beitr. Pal. Geol. OstUng., **14**, 1902, (27–112, mit 4 Taf.).

Pronorites siebenthali n. sp. **Smith**, J. P. Washington, D.C., Dept. Int. U. S. Geol. Surv., Monogr., **42**, 1903, (211 + iii, with pl.). 30 cm.

Pseudarietites n. gen. *P. silesiacus* n. sp. **Frech**, F. Wien, Beitr. Pal. Geol. OstUng., **14**, 1902, (27–112, mit 4 Taf.).

Schistoceras hyatti n. sp. **Smith**, J. P. Washington, D.C., Dept. Int. U. S. Geol. Surv., Monogr., **42**, 1903, (211 + iii, with pl.). 30 cm.

Schuchertites n. gen. *S. grahami* n. sp. **Smith**, J. P. Washington, D.C., Dept. Int. U. S. Geol. Surv., Monogr., **42**, 1903, (211 + iii, with pl.). 30 cm.

Schumardites n. gen. *S. simondei* n. sp. **Smith**, J. P. Washington, D.C., Dept. Int. U. S. Geol. Surv., Monogr., **42**, 1903, (211 + iii, with pl.). 30 cm.

Sphenoceras n. subgen. **Foord**, A. N. London, Monogr. Palaeont. Soc., **57**, 1903, (154, 218).

Sporadoceras pseudosphaericum n. sp. **Frech**, F. Wien, Beitr. Pal. Geol. OstUng., **14**, 1902, (27–112, mit 4 Taf.).

Tornoceras nn. spp. **Frech**, F. Wien, Beitr. Pal. Geol. OstUng., **14**, 1902, (27–112, mit 4 Taf.).

Vestinautilus *crassimarginatus*. **Foord**, A. H. **Orlick**, G. C. Geol. Mag., London, (ser. 2), [4], **10**, 1903, (552).

Waagenoceras hilli n. sp. **Smith**, J. P. Washington, D.C., Dept. Int. U. S. Geol. Surv., Monogr., **42**, 1903, (211 + iii, with pl.). 30 cm.

Xenodiscus tanguticus n. sp. **Schellwien**, E. Königsberg, Schr. physik. Ges., **43**, 1902, (59–78, mit 1 Taf.).

2231.65 TRIASSIC.

Arpadites celtitoides n. sp. **Airaghi**, C. Paleontogr. Italica, Pisa, **8**, 1902, (21–42, con 2 tav. e 8 fig.).

Arthaberites n. gen. *A. alexandrae* n. sp. **Diener**, C. Wien, Beitr. Pal. Geol. OstUng., **13**, 1901, (3–42, mit 3 Taf.).

Atractites nn. spp. **Airaghi**, C. Paleontogr. Italica, Pisa, **8**, 1902, (21–42, con 2 tav. e 8 fig.).

Bittnerites n. subgen. [von *Tirolites*] et nn. spp. **Kittl**, E. Wien, Abh. Geol. Reichsanst., **20**, Heft 1, 1903, (77, mit 11 Taf.).

Ceratites paronai n. sp. **Airaghi**, C. Paleontogr. Italica, Pisa, **8**, 1902, (21–42, con 2 tav. e 8 fig.).

Ceratites prior n. sp. **Kittl**, E. Wien, Abh. Geol. Reichsanst., **20**, Heft 1, 1903, (77, mit 11 Taf.).

Dalmatites n. gen. *D. morlaccus* n. sp. **Kittl**, E. Wien, Abh. Geol. Reichsanst., **20**, Heft 1, 1903, (77, mit 11 Taf.).

Dinarites nn. spp. **Kittl**, E. Wien, Abh. Geol. RchsAnst., **20**, Heft 1, 1903, (77, mit 11 Taf.).

——— **Tommasi**, A. Roma, Boll. Soc. geol. ital., **21**, 1902, (344–348, con tav.).

Gymnites mojsaisovici n. sp. **Diener**, C. Wien, Beitr. Pal. Geol. ÖstUng., **13**, 1901, (3–42, mit 3 Taf.).

Hololobus n. subgen. [von *Tirolites*]. *H. monoptychus* n. sp. **Kittl**, E. Wien, Abh. Geol. RchsAnst., **20**, Heft 1, 1903, (77, mit 11 Taf.).

Joannites proatus n. sp. **Diener**, C. Wien, Beitr. Pal. Geol. ÖstUng., **13**, 1901, (3–42, mit 3 Taf.).

Kymatites arilajanus n. sp. **Kittl**, E. Wien, Abh. Geol. RchsAnst., **20**, Heft 1, 1903, (77, mit 11 Taf.).

Meekoceras canavarii n. sp. **Airaghi**, C. Paleontogr. Italica, Pisa, **8**, 1902, (21–42, con 2 tav. e 8 fig.).

Nautilus. **Hoernes**, R. Graz, Mitt. Natw. Ver. Steierm., **39**, 1902, 1903, (LXXV–LXXIX).

Nautilus nn. spp. **Airaghi**, C. Paleontogr. Italica, Pisa, **8**, 1902, (21–42, con 2 tav. e 8 fig.).

Pinacoceras aspidoides n. sp. **Diener**, C. Wien, Beitr. Pal. Geol. ÖstUng., **13**, 1901, (3–42, mit 3 Taf.).

Pinacoceras stoppanii n. sp. **Airaghi**, C. Paleontogr. Italica, Pisa, **8**, 1902, (21–42, con 2 tav. e 8 fig.).

Pleuromutilus nn. spp. **Airaghi**, C. Paleontogr. Italica, Pisa, **8**, 1902, (21–42, con 2 tav. e 8 fig.).

Proarvestes stampai n. sp. **Airaghi**, C. Paleontogr. Italica, Pisa, **8**, 1902, (21–42, con 2 tav. e 8 fig.).

Ptychites nn. spp. **Airaghi**, C. Paleontogr. Italica, Pisa, **8**, 1902, (21–42, con 2 tav. e 8 fig.).

——— **Diener**, C. Wien, Beitr. Pal. Geol. ÖstUng., **13**, 1901, (3–42, mit 3 Taf.).

Stacheites n. gen. *S. prionoides* n. sp. **Kittl**, E. Wien, Abh. Geol. RchsAnst., **20**, Heft 1, 1903, (77, mit 11 Taf.).

Stilajites n. subgen. [von *Tirolites*] et nn. spp. **Kittl**, E. Wien, Abh. Geol. RchsAnst., **20**, Heft 1, 1903, (77, mit 11 Taf.).

Tirolites nn. spp. **Kittl**, E. Wien, Abh. Geol. RchsAnst., **20**, Heft 1, 1903, (77, mit 11 Taf.).

Xenodiscus tanguticus n. sp. **Schellwien**, E. Königsberg, Schr. physik. Ges., **43**, 1902, (59–78, mit 1 Taf.).

2231.70 JURASSIC.

Ammonites robustus. **Grick**, G. C. London, Proc. Malac. Soc., **5**, (4), 1903, (290–296).

Arietites peregrinus n. sp. **Fucini**, A. Mem. Soc. tosc. sc. nat., Pisa, **18**, 1902, (3–9, con tav.).

Chartronia costata. **Buckman**, S. S. London, Q. J. Geol. Soc., **59**, 1903, (459).

Schlotheimia neumayri n. nom. **Bis tram**, A. Freiherr von. Freiburg i. B., Ber. natf. Ges., **13**, 1903, (116–214, mit 8 Taf.).

2231.75 CRETACEOUS.

Aturia praeziczac n. sp. **Oppenheim**, P. München, SitzBer. Ak. Wiss., math.-physik. Cl., **32**, (1902), 1903, (435–456, mit 1 Taf.).

Baculites hochstetteri n. sp. **Liebus**, A. Wien, Beitr. Pal. Geol. ÖstUng., **14**, 1902, (113–130, mit 1 Taf.).

Barroisiceras nn. spp. **Shattuck**, G. B. Washington, D.C., Bull., Dept. Int., U. S. Geol. Surv., No. **205**, 1903, (9–30, with pl.).

Belemnites. **Lamplugh**, G. W. Geol. Mag., London, (Ser. 2) [4], **10**, 1903, (32–34).

Desmoceras jonesi n. sp. **Gregory**, J. W. and **Smith**, F. V. Melbourne, Proc. R. Soc. Vict., **15**, (N. Ser.), 1903, (141–144, with pl. xxii).

Gaudryceras. **Yabe**, H. Tokyo, J. Coll. Sci., **18**, Art. 2, 1903, (1–55, with 7 pl.).

Lyoceras. **Yabe**, H. Tokyo, J. Coll. Sci., **18**, Art. 2, 1903, (1–55, with 7 pl.).

Mammites binicostatus n. sp. **Petrascheck**, W. Wien, Beitr. Pal. Geol. ÖstUng., **14**, 1902, (131–162, mit 5 Taf.).

Muniericeras dresdene n. sp. **Petraschek**, W. Wien, Beitr. Pal. Geol. OstUng., **14**, 1902, (131-162, mit 5 Taf.).

Nautilus hilli n. sp. **Shattuck**, G. B. Washington, D.C., Bull., Dept. Int., U.S. Geol. Surv., No. **205**, 1903, (9-36, with pl.).

Oleostephanus antarctica n. sp. **Weller**, S. Chicago, Ill., J. Geol. Univ. Chic., **11**, 1903, (413-419, with pl.).

Scaphites. **Hilber**, V. Wien, Jahrb. Geol. RchsAnst., **52**, 1902, 1903, (277-284, mit 1 Taf.).

Scaphites constrictus. **Wlaniowski**, T. Wien, Verh. Geol. RchsAnst., **1902**, (301-302).

Tetragonites. **Yabe**, H. Tokyo, J. Coll. Sci., **18**, Art. 2, 1903, (1-55, with 7 pl.).

GASTROPODA.

2231.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Fulgur. **Johnson**, C. W. Nautilus, Boston, Mass., **17**, 1903, (73-75).

Helicostyla. **Pilsbry**, H. A. Nautilus, Boston, Mass., **17**, 1903, (58).

Pleurotomaria Loezyi n. sp. **Schellwien**, E. [In: K. Futteler, Durch Asien. Bd 3.] Berlin, 1903, (125-174, mit 5 Taf.).

Prucotina n. nom. (= *Paramenia* Pruvot not Bauer & Bergenstamm.). **Cockerell**, T. D. A. Nautilus, Boston, Mass., **16**, 1903, (118).

2231.50 LOWER PALAEOZOIC.

Bellerophon sheliensis n. sp. **Clarke**, J. M. and **Ruedemann**, R. Albany Univ., N.Y., Mem. St. Mus., No. **5**, 1903, (195, with pl.). 29.8 cm.

Coelidium n. nom. (= *Coelocaulus* Oehlert not Hall). **Clarke**, J. M. and **Ruedemann**, R. Albany Univ., N.Y., Mem. St. Mus., No. **5**, 1903, (195, with pl.). 29.8 cm.

Eotomaria nn. spp. **Clarke**, J. M. and **Ruedemann**, R. Albany Univ., N.Y., Mem. St. Mus., No. **5**, 1903, (195, with pl.). 29.8 cm.

Euomphalus fairchildi n. sp. **Clarke**, J. M. and **Ruedemann**, R. Albany Univ., N.Y., Mem. St. Mus., No. **5**, 1903, (195, with pl.). 29.8 cm.

Hormotoma whiteavesi n. sp. **Clarke**, J. M. and **Ruedemann**, R. Albany Univ., N.Y., Mem. St. Mus., No. **5**, 1903, (195, with pl.). 29.8 cm.

Hyolithes leptus n. sp. **Chapman**, F. Melbourne, Proc. R. Soc. Vict., **15**, (N. Ser.), 1903, (119-120, with pl. xviii).

Poleumita n. nom. (= *Polytropis* de Koninck not Sandberger). **Clarke**, J. M., and **Ruedemann**, R. Albany Univ., N.Y., Mem. St. Mus., No. **5**, 1903, (195, with pl.). 29.8 cm.

Poleumita scamnata n. sp. **Clarke**, J. M. and **Ruedemann**, R. Albany Univ., N.Y., Mem. St. Mus., No. **5**, 1903, (195, with pl.). 29.8 cm.

2231.55 UPPER PALAEOZOIC.

Aelisina barnetti n. sp. *A. barnetti* var. *elongata* n. var. **Kindle**, E. M. Indiana, Rep. Dept. Geol. Nat. Res., Indianapolis, **25**, 1900, 1901, (529-758, with pl.).

Bellerophon altalicus n. sp. **Enderle**, J. Wien, Beitr. Pal. Geol. OstUng., **13**, 1901, (43-109, mit 5 Taf.).

Bellerophon (Bucania?) sphaericus n. sp. **Walker**, K. N. Jahrb. Min., Stuttgart, Beilagebd **17**, 1903, (1-75, mit 4 Taf.).

Callonema conus n. sp. **Kindle**, E. M. Indiana, Rep. Dept. Geol. Nat. Res., Indianapolis, **25**, 1900, 1901, (529-758, with pl.).

Capulus cassensis n. sp. **Kindle**, E. M. Indiana, Rep. Dept. Geol. Nat. Res., Indianapolis, **25**, 1900, 1901, (529-758, with pl.).

Conularia fimbriata n. sp. **Walker**, K. N. Jahrb. Min., Stuttgart, Beilagebd **17**, 1903, (1-75, mit 4 Taf.).

Euomphalus (Straparollus) exiguus n. sp. **Kindle**, E. M. Indiana, Rep. Dept. Geol. Nat. Res., Indianapolis, **25**, 1900, 1901, (529-758, with pl.).

Murchisonia nn. spp. **Enderle, J.** Wien, Beitr. Pal. Geol. OstUng., **13**, 1901, (43-109, mit 5 Taf.).

Naticopsis arthaberi n. sp. **Enderle, J.** Wien, Beitr. Pal. Geol. OstUng., **13**, 1901, (43-109, mit 5 Taf.).

Platyceras nn. spp. et nn. varr. **Kindle, E. M.** Indiana, Rep. Dept. Geol. Nat. Res., Indianapolis, **25**, 1900, 1901, (529-758, with pl.).

Platyceras arkonense n. sp. **Shimer, H. W. and Grabau, A. W.** Rochester, N.Y. Bull. Geol. Soc. Amer., **13**, 1902, (149-186).

Pleurotomaria? *anatolica* n. sp. **Enderle, J.** Wien, Beitr. Pal. Geol. OstUng., **13**, 1901, (43-109, mit 5 Taf.).

2231.70 JURASSIC.

Ampullospira infraliasica n. sp. **Chartron et Cossmann.** Paris, Bul. soc. géol., (sér. 4), **2**, 1902, (163-203, av. 2 pl.).

Ataphrus planilabium n. sp. **Chartron et Cossmann.** Paris, Bul. soc. géol., (sér. 4), **2**, 1902, (163-203, av. 2 pl.).

Cerithiella welschi n. sp. **Chartron et Cossmann.** Paris, Bul. soc. géol., (sér. 4), **2**, 1902, (163-203, av. 2 pl.).

Chartronia n. gen. *C. digoniata* n.sp. **Chartron et Cossmann.** Paris, Bul. soc. géol., (sér. 4), **2**, 1902, (163-203, av. pl.).

Cœlostylina nn. spp. **Chartron et Cossmann.** Paris, Bul. soc. géol., (sér. 4), **2**, 1902, (163-203, av. 2 pl.).

Cylindrobullina nn. spp. **Chartron et Cossmann.** Paris, Bul. soc. géol., (sér. 4), **2**, 1902, (163-203, av. 2 pl.).

Endianaulax n. subgen. *E. planicallousum* n. sp. **Chartron et Cossmann.** Paris, Bul. soc. géol., (sér. 4), **2**, 1902, (163-203, av. 2 pl.).

Endiataenia n. gen. *E. terquemi* n. sp. **Chartron et Cossmann.** Paris, Bul. soc. géol., (sér. 4), **2**, 1902, (163-203, av. 2 pl.).

Eucyelus tectiformis n. sp. **Chartron et Cossmann.** Paris, Bul. soc. géol., (sér. 4), **2**, 1902, (163-203, av. 2 pl.).

Exelissa infraliasica n. sp. **Chartron et Cossmann.** Paris, Bul. soc. géol., (sér. 4), **2**, 1902, (163-203, av. pl.).

Figulus caviceps n. sp. **Chartron et Cossmann.** Paris, Bul. soc. géol., (sér. 4), **2**, 1902, (163-203, av. 2 pl.).

Nigidius elongatus n. sp. **Chartron et Cossmann.** Paris, Bul. soc. géol., (sér. 4), **2**, 1902, (163-203, av. 2 pl.).

Paracerithium n. gen. et nn. spp. **Chartron et Cossmann.** Paris, Bul. soc. géol., (sér. 4), **2**, 1902, (163-203, av. 2 pl.).

Procerithium n. gen. et nn. spp. **Chartron et Cossmann.** Paris, Bul. soc. géol., (sér. 4), **2**, 1902, (163-203, av. 2 pl.).

Promathildia terebralis n. sp. **Chartron et Cossmann.** Paris, Bul. soc. géol., (sér. 4), **2**, 1902, (163-203, av. pl.).

Promathildia terquemi n. nom. **Stram, A. Freiherr von.** Freiburg i. B., Ber., natf. Ges., **13**, 1903, (116-214, mit 1 Taf.).

Pseudomelania chartroni n. sp. **Chartron et Cossmann.** Paris, Bul. soc. géol., (sér. 4), **2**, 1902, (163-203, av. pl.).

2231.75 CRETACEOUS.

Cerithium? *texanum* n. sp. **Shattuck, G. B.** Washington, D.C., Bull., Dept. Int., U. S. Geol. Surv., No. **205**, 1903, (9-36, with pl.).

Campeloma harlowtonensis n. sp. **Stanton, T. W.** Philadelphia, Pa., Proc. Amer. Phil. Soc., **42**, 1903, (188-199, with pl.).

Eulima canneri n. sp. **Oppenheim, P.** München, SitzBer. Ak. Wiss., math.-physik. Cl., **32** (1902), 1903, (435-456, mit 1 Taf.).

Fusus texanus n. sp. **Shattuck, G. B.** Washington, D.C., Bull., Dept. Int., U. S. Geol. Surv., No. **205**, 1903, (9-36, with pl.).

Goniobasis? nn. spp. **Stanton, T. W.** Philadelphia, Pa., Proc. Amer. Phil. Soc., **42**, 1903, (188-199, with pl.).

Lagena? *antarctica* n. sp. **Weller, S.** Chicago, Ill., J. Geol. Univ. Chic., **11**, 1903, (413-419, with pl.).

Natica (Amauropsis) goleana n. sp. **Dacqué**, E. Palaeontographica, Stuttgart, **30**, II, 1903, (337-392, mit 3 Taf.).

Nerinea acutescochleata n. sp. **Broili**, F. München, Abh. Ak. Wiss., math.-physik. Cl., **21**, 1902, (601-610, mit 1 Taf.).

Pleurotomaria stantoni n. sp. **Shattuck**, G. B. Washington, D.C., Bull., Dept. Int., U. S. Geol. Surv., No. **205**, 1903, (9-36, with pl.).

Pleurotomaria thebensis n. sp. **Oppenheim**, P. München, SitzBer. Ak. Wiss., math.-physik. Cl., **32**, (1902), 1903, (435-456, mit 1 Taf.).

Turritella budensis n. sp. **Shattuck**, G. B. Washington, D.C., Bull., Dept. Int., U. S. Geol. Surv., No. **205**, 1903, (9-36, with pl.).

Viviparus montanaensis n. sp. **Stan-ton**, T. W. Philadelphia, Pa., Proc. Amer. Phil. Soc., **42**, 1903, (188-199, with pl.).

2231.80 CAENOZOIC.

Fulgur. **Grabau**, A. W. Amer. Nat., Boston, Mass., **37**, 1903, (515-539).

Pleurotomaria nn. spp. **Fritchard**, G. B. Melbourne, Proc. R. Soc. Vict., **16**, (N. Ser.), 1903, (83-91, with pls. xiii-xiv).

Sycotypus. **Grabau**, A. W. Amer. Nat., Boston, Mass., **37**, 1903, (515-539).

2231.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

Carychium fischeri n. sp. **Boettger**, O. Frankfurt a. M., NachrBl. D. malakozool. Ges., **35**, 1903, (182-184).

Cerithium nn. spp. **Oppenheim**, P. Wien, Beitr. Pal. Geol. OstUng., **13**, 1901, (141-277, mit 9 Taf.).

Clavilithes chamberlaini n. sp. **Johnson**, C. W. and **Grabau**, A. W. Philadelphia, Pa., Proc. Acad. Nat. Sci., **53**, 1901 (602-603).

Cochlespirella n. gen. **Casey**, T. L. Philadelphia, Pa., Proc. Acad. Nat. Sci., **55**, 1903, (261-283).

Conus seopularis n. sp. **Casey**, T. L. Philadelphia, Pa., Proc. Acad. Nat. Sci., **55**, 1903, (261-283).

Drillia harmonica n. sp. **Casey**, T. L. Philadelphia, Pa., Proc. Acad. Nat. Sci., **55**, 1903, (261-283).

Fusus erbreichi n. sp. **Oppenheim**, P. Wien, Beitr. Pal. Geol. OstUng., **13**, 1901, (141-277, mit 9 Taf.).

Hyalinia (Polita) mattiaca n. sp. **Boettger**, O. Frankfurt a. M., NachrBl. D. malakozool. Ges., **35**, 1903, (182-184).

Lyria nestor n. subsp. **Casey**, T. L. Philadelphia, Pa., Proc. Acad. Nat. Sci., **55**, 1903, (261-283).

Melanatria peneckeii n. sp. **Oppenheim**, P. Wien, Beitr. Pal. Geol. OstUng., **13**, 1901, (141-277, mit 9 Taf.).

Melania majevitzae n. sp. **Oppenheim**, P. Wien, Beitr. Pal. Geol. OstUng., **13**, 1901, (141-277, mit 9 Taf.).

Metula fragilis n. sp. **Casey**, T. L. Philadelphia, Pa., Proc. Acad. Nat. Sci., **55**, 1903, (261-283).

Microdrillia n. gen. et nn. spp. **Casey**, T. L. Philadelphia, Pa., Proc., Acad. Nat. Sci., **55**, 1903, (261-283).

Natica nn. spp. **Oppenheim**, P. Wien, Beitr. Pal. Geol. OstUng., **13**, 1901, (141-277, mit 9 Taf.).

Olivella affluens n. sp. **Casey**, T. L. Philadelphia, Pa., Proc. Acad. Nat. Sci., **55**, 1903, (261-283).

Phos nn. spp. **Casey**, T. L. Philadelphia, Pa., Proc. Acad. Nat., Sci., **55**, 1903, (261-283).

Pleurotoma nn. spp. **Casey**, T. L. Philadelphia, Pa., Proc. Acad. Nat. Sci., **55**, 1903, (261-283).

Scobinella nn. spp. **Casey**, T. L. Philadelphia, Pa., Proc. Acad. Nat. Sci., **55**, 1903, (261-283).

Trochus dabricensis n. sp. **Oppenheim**, P. Wien, Beitr. Pal. Geol. OstUng., **13**, 1901, (141-277, mit 9 Taf.).

Turritella prominens n. sp. **Oppenheim**, P. Wien, Beitr. Pal. Geol. OstUng., **13**, 1901, (141-277, mit 9 Taf.).

Umbraculum. Eosinica n. subgen. *U. (E.) elevatum* n. sp. **Aldrich**, T. H. Nautilus, Boston, Mass., **17**, 1903, (19-20).

Vallonia. **Boettger**, O. Frankfurt a. M., NachrBl. D. malakozool. Ges., **35**, 1903, (72-76).

2231.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE)

Adelopoma martensi n. sp. **Andreae**, A. Hildesheim, Mitt. Roemer-Mus., Nr. **18**, 1902, (1-31).

Archaeozonites conicus n.sp. **Andreae**, A. Hildesheim, Mitt. Roemer-Mus., Nr. **18**, 1902, (1-31).

Azeka frechi n. sp. **Andreae**, A. Hildesheim, Mitt. Roemer-Mus., Nr. **18**, 1902, (1-31).

Coryna oppoliensis n. sp. **Andreae**, A. Hildesheim, Mitt. Roemer-Mus., Nr. **18**, 1902, (1-31).

Drillia nn. spp. **Arnold**, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**] in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

Hyalinia (*Gyalina* n. subgen.) *roemeri* n. sp. **Andreae**, A. Hildesheim, Mitt. Roemer-Mus., Nr. **18**, 1902, (1-31).

Hyalinia (*Polita*) *miocaenica* n. sp. **Andreae**, A. Hildesheim, Mitt. Roemer-Mus., Nr. **18**, 1902, (1-31).

Hyalinia (*Vitrea*) *procrystallina* n. sp. **Andreae**, A. Hildesheim, Mitt. Roemer-Mus., Nr. **18**, 1902, (1-31).

Leucochilus ferdinandi n. sp. **Andreae**, A. Hildesheim, Mitt. Roemer-Mus., Nr. **18**, 1902, (1-31).

Limnaea nn. spp. **Gorjanović-Kramberger**, K. [D.] Wein, Beitr. Pal. Geol. Ost Ung., **13**, 1901, (121-140, mit 2 Taf.).

Mangilia (*Taranis*) *strongi* n. sp. **Arnold**, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci. **3**] in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

Melanopsis sikorai Brus. var. *carinata* n. var. **Kormos**, T. Földt. Közl., Budapest, **33**, 1903, (451-462, 496-508, mit Taf. XIII.).

Oleacina (*Salaniella*) *fossilis* n. sp. **Andreae**, A. Hildesheim, Mitt. Roemer-Mus., Nr. **18**, 1902, (1-31).

Orygoceas fuchsi Kittl. synonym. mit *Creasius fuchsi* Kittl. **Lörentz**, T. Földt. Közl., Budapest, **33**, 1903, (470-472, 518-520).

Planorbis (*Gyrorbis*) *gurichi* n. sp. **Andreae**, A. Hildesheim, Mitt. Roemer-Mus., Nr. **18**, 1902, (1-31).

Planorbis multiformis Bronn, var. *kochi* n. var. **Kormos**, T. Földt. Közl., Budapest, **33**, 1903, (451-462, 496-508, mit Taf. XIII.).

Pleurotoma (*Borsonia*) nn. spp. **Arnold**, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**] in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol. No. **31**, 1903, (1-420, with pl.).

Pleurotoma (*Spirotropis*) *smithi* n. sp. **Arnold**, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**] in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

Strobilus böttgeri. **Andreae**, A. Hildesheim, Mitt. Roemer-Mus., Nr. **18**, 1902, (1-31).

Trophon (*Boreotrophon*) *stuarti* Smith var. *praeursor* n. var.] **Arnold**, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**] in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

Turbonilla Risso (Type, *Turbonilla typica* Dall and Bartsch n. nom. = *Turbonilla plicatula* Risso, non *Turbo* (= *Turbonilla*) *plicatulus* Brocchi). **Arnold**, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**] in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol. No. **31**, 1903, (1-420, with pl.).

Valenciennesia nn. spp. **Gorjanović-Kramberger**, K. [D.] Wien, Beitr. Pal. Geol. Ost Ung., **13**, 1901, (121-140, mit 2 Taf.).

Vallonia. **Boettger**, O. Frankfurt a. M., NachrBl. D. malakozool. Ges., **35**, 1903, (72-76).

2231.95 PLEISTOCENE AND RECENT.

Amastra nn. spp. **Baldwin**, D. D. Nautilus, Boston, Mass., **17**, 1903, (34-36).

Amphissa ventricosa n. sp. **Arnold**, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**,] in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

Bela sanctae-monicae n. sp. **Arnold**, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**] in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

Bittium williamsoni n. sp. **Arnold**, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**] in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol. No. **31**, 1903, (1-420, with pl.).

Columbella (subgenera *Aesopus* *Anachis*) nn. spp. **Arnold**, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**] in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

Columbella solidula Reeve var. *precursor* n. var. **Arnold**, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**] in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

Delphinoidea coronadoensis n. sp. **Arnold**, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**] in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

Drillia nn. spp. **Arnold**, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**] in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

Eupleura muriciformis var. *curta* n. var. **Arnold**, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**] in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

Fulgur. **Grabau**, A. W. Amer. Nat., Boston, Mass., **37**, 1903, (515-539).

Helix sylvana. **Rollier**, L. Paris, Bul. soc. géol., (sér. 4), **2**, 1902, (278-288).

Limnaea peregr. **Reynell**, A. London, Proc. Malac. Soc., **5** (8), 1903, (344).

Mangilia (subgenera *Cythara* *Taranis*) nn. spp.; *Mangilia* nn. spp. et var. **Arnold**, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**] in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

Margarita optabilis Carpenter nn. varr. **Arnold**, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**] in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

Margarita parcipecta Carpenter var. *pedrona* n. var. **Arnold**, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**] in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

Melanopsis nn. spp. **Brusina**, S. Graz, Mitt. Natw. Ver. Steierm., **39**, 1902, (101-121).

Melanopsis acicularis. **Wüst**, E. Ze. Natw. Stuttgart, **75**, (1902), 1903, (209-223).

Mitromorpha intermedia n. sp. **Arnold**, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**] in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

Nassa cerrtensis n. sp. **Arnold**, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**] in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

Nassa versicolor C. B. Adams var. *hooperi* n. var. **Arnold**, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**] in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

Neritina. **Brusina**, S. Graz, Mitt. Natw. Ver. Steierm., **39**, 1902, 1903, (101-121).

Ocenebra keepi n. sp. **Arnold**, R. (Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**) in Stanford University, Cal. Acad. Sci., **3**) in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

Ocenebra lurida Midd. var. *cerritensis* n. var. **Arnold**, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**] in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

Odostomia (subgenera *Chrysallida*, *Ealea*, *Oscilla* Dall and Bartsch) nn. spp. **Arnold**, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**] in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

Odostomia subgen. *Itara* Dall and Bartsch MSS. **Arnold**, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**] in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

Paludestrina nn. spp. **Arnold**, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**] in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

Planorbis marginatus. **Reynell**, A. London, Proc. Malac. Soc., **5** (6), 1903, (344).

Pleurotoma (subgenera *Borsonia*, *Dolichotoma*, *Leucosyrinx*, *Spirotropeis*) nn. spp. **Arnold**, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**] in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

Pyramidula shimekii (Pils.) Shim. **Shimek**, B. Iowa City, Iowa, Bull. Univ. Lab. Nat. Hist., **5**, 1901, (139-145).

Succinea schumacherii Andr. **Wüst**, E. Zs. Natw., Stuttgart, **75**, (1902), 1903, (312-324, mit 1 Taf.); **76**, 1903, (137).

Sycotypus. **Grabau**, A. W. Amer. Nat., Boston, Mass., **37**, 1903, (515-539).

Trophon (*Boreotrophon*) nn. spp. **Arnold**, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**] in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

Turbonilla (sub. genera *Lancea*, *Pyrgiscus*, *Pyrgolampros*, *Strioturbonilla*), Dall and Bartsch nn. spp. et n. var. **Arnold**, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**] in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

Turbonilla Risso (Type, *Turbonilla typica*, Dall and Bartsch n. nom. = *Turbonilla plicatula* Risso, non *Turbo* (= *Turbonilla*) *plicatulus* Brocchi). **Arnold**, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**] in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

PELECYPODA.

2231.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Diaurora n. nom. (= *Aurora* Simpson not Rog. not Sollas). **Cockerell**, T. D. A. Nautilus, Boston, Mass., **16**, 1903, (118).

Pseudomonotis. **Dienar**, C. Centralbl. Min., Stuttgart, 1903, (17-19).

Simpsonella n. nom. (= *Dalliella* Simpson, not Cossmann). **Cockerell**, T. D. A. Nautilus, Boston, Mass., **16**, 1903, (118).

2231.50 LOWER PALAEOZOIC.

Matheria brevis n. sp. **Whiteaves**, J. F. Geol. Mag., London, (Ser. 2), [4], **10**, 1903, (358-359, with fig.).

Mytilarca eduliformis n. sp. **Clarke**, J. M. and **Euedemann**, R. Albany Univ., N.Y., Mem. St. Mus., No. **5**, 1903, (195, with pl.). 29.8 cm.

2231.55 UPPER PALAEOZOIC.

Amusium concentricum n. sp. **Hind**, W. London, Monogr. Palaeont. Soc., 75, 1903, (122).

Aciculopecten nn. spp. **Hind**, W. London, Monogr. Palaeont. Soc., 57, 1903, (93).

Cardiola pectinata n. sp. **Walther**, K. N. Jahrb. Min., Stuttgart, Beilagebd, 17, 1903, (1-75, mit 4 Taf.).

Crenipecten semicircularis. **Hind**, W. London, Monogr. Palaeont. Soc., 57, 1903, (113).

Edmondia bittneri n. sp. **Enderle**, J. Wien, Beitr. Pal. Geol. ÖstUng., 13, 1901, (43-109, mit 5 Taf.).

Eumicrotis. **Hind**, W. London, Monogr. Palaeont. Soc., 57, 1903, (46).

Eurydesma. **Boehm**, G. Centralbl. Min., Stuttgart, 1903, (296-300).

Leiomyalina. **Boehm**, G. Centralbl. Min., Stuttgart, 1903, (296-300).

Limatula scotica n. sp. **Hind**, W. London, Monogr. Palaeont. Soc., 57, 1903, (36).

Nucula hanoverensis n. sp. **Kindle**, E. M. Indiana, Rep. Dept. Geol. Nat. Res., Indianapolis, 25, 1900, 1901, (529-758, with pl.).

Obliquipecten n. gen. *O. laevis* n. sp. **Hind**, W. London, Monogr. Palaeont. Soc., 57, 1903, (114).

Palaeolima n. gen. et nn. spp. **Hind**, W. London, Monogr. Palaeont. Soc., 57, 1903, (38).

Prothyris truncata n. sp. **Cleland**, H. F. Washington, D.C., U. S. Dept. Int. Bull. Geol. Surv., No. 206, 1903, (112, with pl.). 23.2 cm.

Pseudamusium concentrico-lineatum, *P. redeisdalense* nn. spp. **Hind**, W. London, Monogr. Palaeont. Soc., 57, 1903, (109-111).

Pterinopecten. **Hind**, W. London, Monogr. Palaeont. Soc., 57, 1903, (57).

Solenomorpha n. gen. **Cockerell**, T. D. A. Nature, London, 67, 1903, (559).

Solenopsis [*Solenomorpha*] *major* n. sp. **Hind**, W. London, Q. J. Geol. Soc., 59, 1903, (334-336, figs.).

Streblopteria ornata. **Hind**, W. London, Monogr. Palaeont. Soc., 57, 1903, (50).

(K-653)

Synceylonema carboniferum n. sp. **Hind**, W. London, Monogr. Palaeont. Soc., 57, 1903, (120).

2231.65 TRIASSIC.

Aciculopecten nn. spp. **Bittner**, A. Wien, Jahrb. Geol. RchsAnst., 52, 1902, 1903, (495-643, mit 10 Taf.).

Claraia n. subgen. [von *Pseudomonotis*]. **Bittner**, A. Wien, Jahrb. Geol. RchsAnst., 50, 1900, 1901, (559-592, mit 3 Taf.).

Daonella. **Tornquist**, A. N. Jahrb. Min., Stuttgart, 1903, 2, (83-92, mit 1 Taf.).

Eumorphotis n. subgen. [von *Pseudomonotis*]. **Bittner**, A. Wien, Jahrb. Geol. RchsAnst., 50, 1900, 1901, (559-592, mit 3 Taf.).

Mysidioplera dinarica n. sp. **Bittner**, A. Wien, Jahrb. Geol. RchsAnst., 52, 1902, 1903, (495-643, mit 10 Taf.).

Mysidioplera emiliae n. sp. **Bittner**, A. Wien, Jahrb. Geol. RchsAnst., 50, 1900, 1901, (59-66, mit 1 Taf.).

Pecten nn. spp. **Bittner**, A. Wien, Jahrb. Geol. RchsAnst., 52, 1902, 1903, (495-643, mit 10 Taf.).

Posidonomya bosniaca n. sp. **Bittner**, A. Wien, Jahrb. Geol. RchsAnst., 52, 1902, 1903, (495-643, mit 10 Taf.).

Pseudomonotis nn. spp. **Bittner**, A. Wien, Jahrb. Geol. RchsAnst., 50, 1900, 1901, (559-592, mit 3 Taf.).

2231.70 JURASSIC.

Arca tenuistriata n. sp. **Remeš**, M. Wien, Beitr. Pal. Geol., OestUng., 15, 1903, (185-219, mit 4 Taf.).

Astarte uhligi n. sp. **Remeš**, M. Wien, Beitr. Pal. Geol. OestUng., 15, 1903, (185-219, mit 4 Taf.).

Aucella nn. spp. **Sokolov**, D. N. Moskva, Bull. Soc. Nat., 1902, (371-379, mit 1 Taf.).

Aucella (*Leptodesma*) *valsoldae* n. form. **Bisstram**, A. Freiherr von. Freiburg i. B., Ber. natf. Ges., 13, 1903, (116-214, mit 8 Taf.).

Chama minima n. sp. **Remeš**, M. Wien, Beitr. Pal. Geol. OestUng., 15, 1903, (185-219, mit 4 Taf.).

Dimyopsis emmerichi n. nom.
Bistram, A. Freiherr von. Freiburg
i. B., Ber. natf. Ges., **13**, 1903, (116-214,
mit 8 Taf.).

Gervillea dantzi n. sp. **Menzel**, H.
Mitt. D. Schutzgeb., Berlin, **15**, 1902,
(41-49).

Isoarca boehmi n. sp. **Remeš**, M.
Wien, Beitr. Pal. Geol. OestUng., **15**,
1903, (185-219, mit 4 Taf.).

Lima nn. spp. **Remeš**, M. Wien,
Beitr. Pal. Geol. OestUng., **15**, 1903,
(185-219, mit 4 Taf.).

Nuculina liasina n. form. **Bistram**,
A. Freiherr von. Freiburg i. B., Ber.,
natf. Ges., **13**, 1903, (116-214, mit 8
Taf.).

Pecten nn. spp. **Remeš**, M. Wien,
Beitr. Pal. Geol. OestUng., **15**, 1903,
(185-219, mit 4 Taf.).

Pecten mülleri n. sp. **Menzel**, H.
Mitt. D. Schutzgeb., Berlin, **15**, 1902,
(41-49).

Piacunopsis strambergensis n. sp.
Remeš, M. Wien, Beitr. Pal. Geol.
OestUng., **15**, 1903, (185-219, mit 4
Taf.).

Plicatula nn. spp. **Remeš**, M. Wien,
Beitr. Pal. Geol. OestUng., **15**, 1903,
185-219, mit 4 Taf.).

Pseudomonotis bolgiensis n. form.
Bistram, A. Freiherr von. Freiburg i.
B., Ber. natf. Ges., **13**, 1903, (116-214,
mit 8 Taf.).

Trigonia molengraaffi n. sp. **Newton**,
R. B. London, Proc. Malac. Soc., **5**, (6),
1903, (405).

Trigonia nn. spp. and *Trigonia*
smeeti, Sowerby. *T. ventricosa*, Krauss.
Kitchin, F. L. Pal. Ind., Calcutta,
(ser. 9), **3**, pt. 2, No. 1, 1903, (1-122,
with 10 pls.).

Vulsella moravica n. sp. **Remeš**, M.
Wien, Beitr. Pal. Geol. OestUng., **15**,
1903, (185-219, mit 4 Taf.).

Cardium (Granocardium) budaense.
C. (Protoecardia) vaughani nn. spp.
Shattuck, G. B. Washington, D.C.,
Bull. Dept. Int., U. S. Geol. Surv.,
No. **205**, 1903, (9-36, with pl.).

Chondrodonta. **Douvillé**, H. Paris,
Bul. soc. géol., (sér. 4), **2**, 1902, (314-
318, av. fig. et pl.).

——— **Schubert**, R. J. Wien,
Jahrb. Geol. RchsAnst., **52**, 1902, 1903,
(265-276, mit 1 Taf.).

Corbula muschketovi n. sp. **Böhm**, J.
[In: K. Futterer, Durch Asien. Bd 3.]
Berlin, 1903, (93-112, mit 1 Taf.).

Ctenostreon ? poni n. sp. **Broili**, F.
München, Abh. Ak. Wiss., math.-phys.,
Cl., **21**, 1902, (601-610, mit 1 Taf.).

Exogyra clarki n. sp. **Shattuck**,
G. B. Washington, D.C., Bull. Dept.
Int., U. S. Geol. Surv., No. **205**, 1903,
(9-36, with pl.).

Exogyra reissi n. sp. **Paulcke**, W.
N. Jahrb. Min., Stuttgart, Beilagebd.,
17, 1903, (252-312, mit 3 Taf.).

Gryphaea romanowskii n. nom. (= *G.*
kaufmanni Rom.). **Böhm**, J. [In:
K. Futterer, Durch Asien. Bd 3.] Berlin,
1903, (93-112, mit 1 Taf.).

Hippurites n. sp. **Hilber**, V. Wien,
Jahrb. Geol. RchsAnst., **52**, 1902, 1903,
(277-284, mit 1 Taf.).

Hippurites (Pironaea) polystylus.
Pethő, G. Földt. Közl., Budapest, **33**,
1903, (17-21).

Homomya austinensis n. sp.
Shattuck, G. B. Washington, D.C.,
Bull. Dept. Int., U. S. Geol. Surv.,
No. **205**, 1903, (9-36, with pl.).

Inoceramus nn. spp. **Petrascheck**, W.
Wien, Geol. RchsAnst., **53**, 1903, (153-
168, mit 1 Taf.).

Inoceramus laubei n. sp. **Liebus**, A.
Wien, Beitr. Pal. Geol. OestUng., **14**,
1902, (113-130, mit 1 Taf.).

Leda Futtereri n. sp. **Böhm**, J. [In:
K. Futterer, Durch Asien. Bd 3.] Berlin,
1903, (93-112, mit 1 Taf.).

Lima shumardi n. sp. **Shattuck**,
G. B. Washington, D.C., Bull. Dept.
Int., U. S. Geol. Surv., No. **205**, 1903,
(9-36, with pl.).

2231.75 CRETACEOUS.

Anatina austinensis, *A. texana* nn.
spp. **Shattuck**, G. B. Washington,
D.C., Bull. Dept. Int., U. S. Geol. Surv.,
No. **205**, 1903, (9-36, with pl.).

Limea delanoëi n. sp. **Oppenheim**, P. München, SitzBer. Ak. Wiss., math.-physik. Cl., **32**, (1902), 1903, (435-456, mit 1 Taf.).

Neaera aegyptiaca n. sp. **Oppenheim**, P. München, SitzBer. Ak. Wiss. math.-physik. Cl., **32**, (1902), 1903, (435-456, mit 1 Taf.).

Ontrea. **Schubert**, R. J. Wien, Jahrb. Geol. RchsAnst., **52**, **1902**, 1903, (265-276, mit 1 Taf.).

Pecten (*Neithea*) *cometa*. **Woods**, H. London, Monogr. Palaeont. Soc., **57**, 1903, (200).

Pectunculus cau'hani n. sp. **Woods**, H. London, Monogr. Palaeont. Soc., **57**, 1903, (224).

Pholadomya roemeri n. sp. **Shattuck**, G. B. Washington, D.C., Bull. Dept. Int., U. S. Geol. Surv., No. **205**, 1903, (9-36, with pl.).

Radiolites ga'ensis n. sp. **Dacqué**, E. Palaeontographica, Stuttgart, **30**, **11**, 1903, (337-392, mit 3 Tal.).

Sphaerulites. **Hilber**, V. Wien, Jahrb. Geol. RchsAnst., **52**, **1902**, 1903, (277-284, mit 1 Taf.).

Trigonia nn. spp. et n. var. **Paulcke**, W. N. Jahrb. Min., Stuttgart, Beilagebd, **17**, 1903, (252-312, mit 3 Taf.).

Unio nn. spp. **Stanton**, T. W. Philadelphia, Pa., Proc. Amer. Phil. Soc., **42**, 1903, (188-199, with pl.).

——— **Whitfield**, R. P. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (483-487, with 3 pls.). Separate. 24.5 cm.

Velopecten. **Woods**, H. London, Monogr. Palaeont. Soc., **57**, 1903, (219).

Vola. **Schubert**, R. J. Wien, Jahrb. Geol. RchsAnst., **52**, **1902**, 1903, (265-276, mit 1 Taf.).

2231.80 CAENOZOIC.

Cardita exerescens n. sp. **Pritchard**, G. B. Melbourne, Proc. R. Soc. Vict., **15**, (N. Ser.), 1903, (98, with pl. xii).

Chione nn. spp. **Pritchard**, G. B. Melbourne, Proc. R. Soc. Vict., **15**, (N. Ser.), 1903, (99-102, with pl. xii).

Crassatellites nn. spp. **Pritchard**, G. B. Melbourne, Proc. R. Soc. Vict., **15**, (N. Ser.), 1903, (93-97, with pls. xiii-xiv).

Glycimeris halli n. sp. et nn. varr. **Pritchard**, G. B. Melbourne, Proc. R. Soc. Vict., **15**, (N. Ser.), 1903, (89-91, with pl. xiv).

Lithophagus latecaudatus n. sp. **Pritchard**, G. B. Melbourne, Proc. R. Soc. Vict., **15**, (N. Ser.), 1903, (88, with pl. xiv).

Lucina gunyoungensis n. sp. **Pritchard**, G. B. Melbourne, Proc. R. Soc. Vict., **15**, (N. Ser.), 1903, (98-99, with pl. xiv).

Mytilicardia kalimnae n. sp. **Pritchard**, G. B. Melbourne, Proc. R. Soc. Vict., **15**, (N. Ser.), 1903, (97-8, with pl. xii).

Mytilus mooraboolensis n. sp. **Pritchard**, G. B. Melbourne, Proc. R. Soc. Vict., **15**, (N. Ser.), 1903, (88-89, with pl. xiv).

Trigonia semiundulata Jenkins nn. varr. **Pritchard**, G. B. Melbourne, Proc. R. Soc. Vict., **15**, (N. Ser.), 1903, (91-3, with pl. xv).

2231.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

Arca nn. spp. **Casey**, T. L. Philadelphia, Pa., Proc. Acad. Nat. Sci., **55**, 1903, (261-283).

Cardita aldrichi n. sp. **Casey**, T. L. Philadelphia, Pa., Proc. Acad. Nat. Sci., **55**, 1903, (261-283).

Cardita katzeri n. sp. **Oppenheim**, P. Wien, Beitr. Pal. Geol. OstUng., **13**, 1901, (141-277, mit 9 Taf.).

Cardium nn. spp. **Oppenheim**, P. Wien, Beitr. Pal. Geol. OstUng., **13**, 1901, (141-277, mit 9 Taf.).

Cardium haeringense n. sp. **Dreger**, J. Wien, Jahrb. Geol. RchsAnst., **53**, 1903, [1904], (253-284, mit 3 Taf.).

Chama nn. spp. **Oppenheim**, P. Wien, Beitr. Pal. Geol. OstUng., **13**, 1901, (141-277, mit 9 Taf.).

Corbula laqueata n. sp. **Casey**, T. L. Philadelphia, Pa., Proc. Acad. Nat. Sci., **55**, 1903, (261-283).

Corbula muschketowi n. sp. **Böhm, J.** [In: K. Futterer, Durch Asien. Bd 3]. Berlin, 1903, (93-112, mit 1 Taf.).

Crassatella kalitensis n. sp. **Oppenheim, P.** Wien, Beitr. Pal. Geol. OstUng., **13**, 1901, (141-277, mit 9 Taf.).

Cyrena quadrangularis n. sp. **Oppenheim, P.** Wien, Beitr. Pal. Geol. OstUng., **13**, 1901, (141-277, mit 9 Taf.).

Cytherea nn. spp. **Oppenheim, P.** Wien, Beitr. Pal. Geol. OstUng., **13**, 1901, (141-277, mit 9 Taf.).

Gastrochaena striatula n. sp. **Aldrich, T. H.** Nautilus, Boston, Mass., **17**, 1903, (19-20).

Glycimeris haeringensis n. sp. **Dreger, J.** Wien, Jahrb. Geol. Rchs-Anst., **53**, 1903, [1904], (253-284, mit 3 Taf.).

Gryphaea romanowskii n. nom. (= *G. kaufmanni* Rom). **Böhm, J.** [In: K. Futterer, Durch Asien. Bd 3]. Berlin, 1903, (93-112, mit 1 Taf.).

Leda Futtereri n. sp. **Böhm, J.** [In: K. Futterer, Durch Asien. Bd 3]. Berlin, 1903, (93-112, mit 1 Taf.).

Lima nn. spp. **Dreger, J.** Wien, Jahrb. Geol. Rchs-Anst., **53**, 1903, [1904], (253-284, mit 3 Taf.).

Loparia n. gen. *L. katzeri* n. sp. **Oppenheim, P.** Wien, Beitr. Pal. Geol. OstUng., **13**, 1901, (141-277, mit 9 Taf.).

Lucina nn. spp. **Casey, T. L.** Philadelphia, Pa., Proc., Acad. Nat. Sci., **55**, 1903, (261-283).

— **Oppenheim, P.** Wien, Beitr. Pal. Geol. OstUng., **13**, 1901, (141-277, mit 9 Taf.).

Nucula haeringensis n. sp. **Dreger, J.** Wien, Jahrb. Geol. Rchs-Anst., **53**, 1903, [1904], (253-284, mit 3 Taf.).

Psammobia hoeferi n. sp. **Oppenheim, P.** Wien, Beitr. Pal. Geol. OstUng., **13**, 1901, (141-277, 9 Taf.).

Solenomya haeringensis n. sp. **Dreger, J.** Wien, Jahrb. Geol. Rchs-Anst., **53**, 1903 [1904], (253-284, mit 3 Taf.).

Spondylus redlichi n. sp. **Oppenheim, P.** Wien, Beitr. Pal. Geol. OstUng., **13**, 1901, (141-277, mit 9 Taf.).

Tellina gumbeli n. sp. **Dreger, J.** Wien, Jahrb. Geol. Rchs-Anst., **53**, 1903 [1904], (253-284, mit 3 Taf.).

Tellina pilsbryi n. sp. **Casey, T. L.** Philadelphia, Pa., Proc. Acad. Nat. Sci., **55**, 1903, (261-283).

Thracia nn. spp. **Oppenheim, P.** Wien, Beitr. Pal. Geol. OstUng., **13**, 1901, (141-277, mit 9 Taf.).

Venericardia tieckburgensis n. sp. **Casey, T. L.** Philadelphia, Pa., Proc. Acad. Nat. Sci., **55**, 1903, (261-283).

Venus prior n. sp. **Oppenheim, P.** Wien, Beitr. Pal. Geol. OstUng., **13**, 1901, (141-277, mit 9 Taf.).

2231.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Pecten. **Blankenhorn, M. N.** Jahrb. Min., Stuttgart, Beilagebd **17**, 1903, (163-186, mit 2 Taf.).

Pecten (Chlamys) jordani n. sp. **Arnold, R.** [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**], in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

2231.95 PLEISTOCENE AND RECENT.

Aligena cerritensis n. sp. **Arnold, R.** [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**], in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

Astarte (Crassinella) branneri n. sp. **Arnold, R.** [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**], in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

Callista subdiaphana Carpenter var. *pedroana* n. var. **Arnold, R.** [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**], in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

Corbicula fluminalis. Wüst, E. Zs. Natw. Stuttgart, **75**, (1902), 1903, (209-223).

Leda minuta Fabr. var. *praeursor* n. var. Arnold, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**], in Stanford University Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

Pecten (Chlamys) nn. spp. et n. var. Arnold, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**], in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

Semele pulchra Sowerby, *S. montereyi* n. sp. Arnold, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**], in Stanford University Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

SCAPHOPODA.

2231.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

Dentalium nn. spp. Casey, T. L. Philadelphia, Pa., Proc. Acad. Nat. Sci., **55**, 1903, (261-283).

2431 ARTHROPODA INCLUDING INSECTA.

2431.55 UPPER PALAEOZOIC.

Cheliphlebia extensa n. sp. Melander, A. L. Chicago, Ill., J. Geol. Univ. Chic., **11**, 1903, (178-198, with pl.).

Dictyoneura clarinervis n. sp. Melander, A. L. Chicago, Ill., J. Geol. Univ. Chic., **11**, 1903, (178-198, with pl.).

Dieconeura maxima n. sp. Melander, A. L. Chicago, Ill., J. Geol. Univ. Chic., **11**, 1903, (178-198, with pl.).

Eucaenus nn. spp. Melander, A. L. Chicago, Ill., J. Geol. Univ. Chic., **11**, 1903, (178-198, with pl.).

Megablattina n. gen. *M. beecheri* n. sp. Sellards, E. H. Amer. J. Sci., New Haven, Conn., (Ser. 4), **15**, 1903, (307-315, with 2 pls.).

Petromartus n. gen. *P. indistinctus* n. sp. Melander, A. L. Chicago, Ill., J. Geol. Univ. Chic., **11**, 1903, (178-198, with pl.).

Protodictyon n. gen. *P. pulchripenne* n. sp. Melander, A. L. Chicago, Ill., J. Geol. Univ. Chic., **11**, 1903, (178-198, with pl.).

2431.95 PLEISTOCENE AND RECENT.

Erebia. Hormusaki, C. Freiherr von. D. ent. Zs. Iris, Berlin, **14** (1901), 1902, (353-380).

2631 CRUSTACEA.

2631.35 GENERAL, INCLUDING STRATA OF UNKNOWN ORIGIN.

Isophilina. Jones, T. R. Geol. Mag., London, (ser. 2), [4] **10**, 1903, (300-304, fig.).

2631.50 LOWER PALAEOZOIC.

Beyrichia nn. spp. et nn. varr. Chapman, F. Melbourne Proc. R. Soc. Vict., **15**, (N. Ser.), 1903, (109-113, with pl. xvi.).

Caryocaridae n. fam. *Rhinopterocaris* n. gen., *R. maccoyi* Etheridge fl. sp. Chapman, F. Melbourne, Proc. R. Soc. Vict., **15**, (N. Ser.), 1903, (114-117, with pl. xviii).

Caryocaris angusta n. sp. Chapman, F. Melbourne, Proc. R. Soc. Vict., **15**, (N. Ser.), 1903, (113, with pl. xviii).

Ceratiocaris (Limnocaris) praecedens. Clarke, J. M. Albany Univ., N.Y. Rep. St. Mus., No. 54, **1900**, **1**, 1902, (83-124, with pl.).

Emmelezoe decora n. sp. Clarke, J. M. Albany Univ., N.Y. Rep. St. Mus., No. 54, **1900**, **1**, 1902, (83-124, with pl.).

Ribeirella n. gen. [*Ribeiria sharpei* Barr. + *Ribeiria expandens* Barr.] Schubert, R. J. and Waagen, L. Wien, Jahrb. Geol. RchsAnst., **53**, 1903, (33-50, mit 1 Taf.).

Ribeiria nn. spp. Schubert, R. J. and Waagen, L. Wien, Jahrb. Geol. RchsAnst., **53**, 1903, (33-50, mit 1 Taf.).

Saccocaris tetragona n. sp. Chapman, F. Melbourne Proc. R. Soc. Vict., **15**, (N. Ser.), 1903, (113-4, with pl. xviii).

2631.55 UPPER PALAEOZOIC.

Belinurus bellulus. Baldwin, W. Manchester, Trans. Geol. Soc., **28** (8), 1903, (198-203, fig.).

Etheria ortonii n. sp. Clarke, J. M. Albany Univ., N.Y. Rep. St. Mus., No. 54, 1900, **1**, 1902, (83-124, with pl.).

2631.70 JURASSIC.

Palaeosphaeroma n. gen. *P. uhligi* n. sp. Remeš, M. Wien, Beitr. Pal. Geol. OstUng., **15**, 1903, (43-44).

Sphaeroma strambergensae n. sp. Remeš, M. Wien, Beitr. Pal. Geol. OstUng., **15**, 1903, (220, mit 1 Taf.).

2631.75 CRETACEOUS.

Glyphaea stokesi n. sp. Weller, S. Chicago, Ill., J. Geol. Univ. Chic., **11**, 1903, (413-412, with pl.).

Pontocypris ursulae n. sp. Egger, J. (t. München, Abh. Ak. Wiss., math.-phys. Cl., **21**, 1902, (1-230, mit 27 Taf.).

Zanthopsis cretacea n. sp. Branner, J. C. Rochester, N.Y., Bull. Geol. Soc. Amer. **13**, 1902, (41-98, with 11 pl.).

2631.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE)

Andorina n. gen. *A. elegans* n. sp. Lörenthey, E. Math.-natw. Ber. Ungarn, Leipzig, **17**, (1899), 1901, (328-336, mit 1 Taf.).

Darányia n. gen. *D. granulata* n. sp. Lörenthey, E. Math. natw. Ber. Ungarn Leipzig **17**, (1899), 1901, (328-336, mit 1 Taf.).

Hoploparia groenlandica n. sp. Ravn, J. P. J. Kjöbenhavn, Medd. Grönl., **29**, 1903, (95-140, with 3 pls.).

Palaeomunida n. gen. *P. defecta* n. sp. Lörenthey. Math. natw. Ber. Ungarn, Leipzig, **18** (1900), 1903, (98-120, mit 2 Taf.).

Phlyctenodes steinmanni n. sp. Lörenthey. Math.-natw. Ber. Ungarn, Leipzig, **18** (1900), 1903, (98-120, mit 2 Taf.).

Ranina bittneri n. sp. Lörenthey. Math.-natw. Ber. Ungarn, Leipzig, **18** (1900), 1903, (28-120, mit 2 Taf.).

Telphusograpsus n. gen. *T. laevis* n. sp. Lörenthey. Math.-natw. Ber. Ungarn, Leipzig, **18** (1900), 1903, (98-120, mit 2 Taf.).

2631.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Andorina n. gen. *A. elegans* n. sp. Lörenthey, E. Math.-natw. Ber. Ungarn, Leipzig, **17** (1899), 1901, (328-336, mit 1 Taf.).

Darányia n. gen. *D. granulata* n. sp. Lörenthey, E. Math.-natw. Ber. Ungarn, Leipzig, **17** (1899), 1901, (328-336, mit 1 Taf.).

Palaeomunida n. gen. *P. defecta* n. sp. Lörenthey. Math.-natw. Ber. Ungarn, Leipzig, **18** (1900), 1903, (98-120, mit 2 Taf.).

Phlyctenodes steinmanni n. sp. Lörenthey. Math.-natw. Ber. Ungarn, Leipzig, **18** (1900), 1903, (98-120, mit 2 Taf.).

Ranina bittneri n. sp. Lörenthey. Math.-natw. Ber. Ungarn, Leipzig, **18** (1900), 1903, (98-120, mit 2 Taf.).

Telphusograpsus n. gen. *T. laevis* n. sp. Lörenthey. Math.-natw. Ber. Ungarn, Leipzig, **18** (1900), 1903, (98-120, mit 2 Taf.).

2631.95 PLEISTOCENE AND RECENT.

Bythocythere laevigata n. sp. **Egger**, J. G. München, Abh. Ak. Wiss., math.-phys. Cl., **21**, 1902, (411-477, mit 8 Taf.).

Cythere nn. spp. **Egger**, J. G. München, Abh. Ak. Wiss., math.-phys. Cl., **21**, 1902, (411-477, mit 8 Taf.).

Eucythere lienenklausi n. sp. **Egger**, J. G. München, Abh. Ak. Wiss., math.-phys. Cl., **21**, 1902, (411-477, mit 8 Taf.).

Krithe nn. spp. **Egger**, J. G. München, Abh. Ak. Wiss., math.-phys. Cl., **21**, 1902, (411-477, mit 8 Taf.).

Loxocoelha serrulata n. sp. **Egger**, J. G. München, Abh. Ak. Wiss., math.-phys. Cl., **21**, 1902, (411-477, mit 8 Taf.).

Pontocypris caudata n. sp. **Egger**, J. G. München, Abh. Ak. Wiss., math.-phys. Cl., **21**, 1902, (411-477, mit 8 Taf.).

Pseudocythere spinosa n. sp. **Egger**, J. G. München, Abh. Ak. Wiss., math.-phys. Cl., **21**, 1902, (411-477, mit 8 Taf.).

2831 XIPHOSURA, EURIPTERIDA, TRILOBITA, Etc.

2631.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Griffithides (Phillipsia) tapajotensis n. sp. **Katzer**, F. Grundzüge der Geologie des unteren Amazonasgebietes (des Staats Pará in Brasilien). Leipzig (m. Weg), 1903, (III + 298, mit 4 Portr., 1 Karte).

2631.50 LOWER PALAEOZOIC.

Agnostus elkedraensis n. sp. **Etheridge**, R. Contributions nos. 12 and 13 to the palaeontology of South Australia. Adelaide, 1902, (4, with pl.). 33 cm.

Agnostus girtanensis n. sp. **Reed**, F. R. C. London, Monogr. Palaeont. Soc., **57**, 1903, (4).

Ampyz drummuckensis n. sp. **Reed**, F. R. C. London, Monogr. Palaeont. Soc., **57**, 1903, (18).

Asaphus (Isotelus) insabilis n. sp. **Reed**, F. R. C. London, Monogr. Palaeont. Soc., **57**, 1903, (46).

Brachymetopus strzelecki McCoy. **Reed**, F. R. C. Geol. Mag., London, (Ser. 2), [4] **10**, 1903, (193-196, fig.).

Dionide richardsoni n. sp. **Reed**, F. R. C. London, Monogr. Palaeont. Soc., **57**, 1903, (26).

Lichas (Dicranopeltis) woodwardi n. sp. **Lichas (Corydocephalus) hirsutus** v. *tuberculatus* n. var. **Reed**, F. R. C. Geol. Mag., London, (Ser. 2), [4] **10**, 1903, (9).

Microdiscus significans n. sp. **Etheridge**, R. Contributions nos. 12 and 13 to the palaeontology of South Australia. Adelaide, 1902, (4, with pl.). 33 cm.

Notasaphus n. gen. *N. fergusoni* n. sp. **Gregory**, J. W. Melbourne, Proc. R. Soc. Vict., **15**, (N. Ser.), 1903, (155-156, with pl. XXVI).

Pseudoniscus roosevelti n. sp. **Clarke**, J. M. Albany Univ., N.Y. Rep. St. Mus., No. 54, **1900**, 1, 1902, (83-124, with pl.).

Remopleurides nn. spp. **Reed**, F. R. C. London, Monogr. Palaeont. Soc., **57**, 1903, (27).

Shumardia scotica n. sp. **Reed**, F. R. C. London, Monogr., Palaeont. Soc., **57**, 1903, (42).

Teratorhynchus n. sub-gen. *T. bicornis* n. sp. **Reed**, F. R. C. London, Monogr. Palaeont. Soc., **57**, 1903, (33).

Trinucleus subradiatus n. sp. **Reed**, F. R. C. London, Monogr. Palaeont. Soc., **57**, 1903, (12).

2831.55 UPPER PALAEOZOIC.

Acidaspis whitfieldi n. sp. **Hitchcock**, C. H. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (97-98, with 1 pl.) Separate 24.5 cm.

Homalonotus barratti n. sp. **Woodward**, H. Geol. Mag., London, (Ser. 2), [4], **10**, 1903, (28).

3031 ARACHNIDA.

3031.55 UPPER PALAEOZOIC.

Anthracosiro fritschii. n.g. n.sp.
Pocock, R. I. Geol. Mag., London, (Ser. 2), [4] 10, 1903, 407, fig.).

Anthracosiro woodwardi. Pocock,
R. I. Geol. Mag., London, (Ser. 2), [4] 10, 1903, (247, fig.).

Hadrachne n. gen. *H. horribilis* n. sp.
Melander, A. L. Chicago, Ill., J. Geol. Univ. Chic., 11, 1903, (178-198, with pl.).

Kustarachne nn. spp. Melander,
A. L. Chicago, Ill., J. Geol. Univ. Chic., 11, 1903, (178-198, with pl.).

5431 PISCES.

5431.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Coccosteus. Jaekel, O. Berlin, Sitz-Ber. Ges. natf. Freunde, 1902, (103-115, mit 1 Taf.).

Edestus. Van de Wiele, C. Aperçu sur les vestiges fossiles d'Edestides et le nouveau genre *Helicoprion* A. Karpinsky. Bruxelles (Hayez), 1903, (4, av. fig.).

Woodward, A. S. Note sur Edestides. Bruxelles (Hayez), 1903, (4, av. fig.).

Helicoprion n. gen. Van de Wiele, C. Aperçu sur les vestiges fossiles d'Edestides et le nouveau genre *Helicoprion* A. Karpinsky. Bruxelles (Hayez), 1903, (4, av. fig.).

Van de Wiele, C. Résumé du mémoire descriptif de M. A. Karpinsky sur *Helicoprion*. Bruxelles (Hayez), 1903, (15, av. fig. et 1 pl.).

Van de Wiele, Van den Broeck, Simoens et Woodward, A. S. Discussion sur *Helicoprion* à la Société belge de géologie, de paléontologie et d'hydrologie. Bruxelles (Hayez), 1903, (33, av. fig. et 1 pl.).

Woodward, A. S. Note sur . . . Bruxelles (Hayez), 1903, (4, av. fig.).

Helicoprion beasonoui (Karpinsky). Simoens, G. Note sur . . . Bruxelles (Hayez), 1903, (9, av. fig.).

5431.55 UPPER PALAEOZOIC.

Acrolepis molyneuxi n. sp. Woodward, A. S. London, Q. J. Geol. Soc., 59, 1903, (285-286, pl.).

Coccosteus angustus n. sp. Traquair, R. H. London, Rep. Brit. Ass., 1902 (1903), (610).

Dinichthys. Sharp, K. D. Amer. Inv., Washington, D.C., 10, 1903, (263).

Gemündina n. gen. Traquair, R. H. London, Rep. Brit. Ass., 1902 (1903), (610).

Gemündina stürzi n. sp. Traquair, R. H. London, Rep. Brit. Ass., 1902 (1903), (610).

Gyracanthides. Woodward, A. S. Geol. Mag., London, (Ser. 2), [4] 10, 1903, (512).

Listracanthus wardi. Woodward, A. S. Geol. Mag., London, (ser. 2), [4] 10, 1903, (487).

Palaeospondylus gunni. Traquair. Sollas, W. J. and Sollas, I. B. J. London, Proc. R. Soc., 72, 1903, (98-99); London, Phil. Trans. R. Soc., 196 B, 1903, (267-294, pls.).

Phylelaenaspis germanica n. sp. [nn.] Traquair, R. H. London, Rep. Brit. Ass., 1902 (1903), (610).

Pteraspis. Dollo, L. Paris, C.-R. Acad. Sci., 136, 1903, (699-700).

Fox, H. Geol. Mag., London, (ser. 2), [4] 10, 1903, (93).

Gosselet, J. Paris, C.-R. Acad. sci., 136, 1903, (540).

Ramphodus n. gen. *R. tetrodon* n. sp. Jaekel, O. Berlin, Sitz-Ber. Ges. natf. Freunde, 1903, (383-393).

Sagenodus pertenuis n. sp. Eastman, C. R. Amer. Nat., Boston, Mass., 37, 1903, (493-495).

Tremataspis. Patten, W. Amer. Nat., Boston, Mass., 37, 1903, (223-242, with pl.).

5431.65 TRIASSIC.

Coelacanthus lunzensis. **Reis**, O. M. Wien, Jahrb. Geol. Reichsanst., **50**, 1900, 1901, (187-192, mit 2 Taf.).

Saurichthys nn. spp. **Philippi**, E. **Jaekel**, O. **Volz**, W. u. **Frech**, F. [In *Lethaea geognostica*, Tl 2, H. 1, Lfg 1.] Stuttgart, 1903, (9-21, mit Taf.).

5431.75 CRETACEOUS.

Acrognathus dodgei n. sp. **Hay**, O. P. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (395-452, with 13 pls.).

Aipichthys formosus n. sp. **Hay**, O. P. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (395-452, with 13 pls.).

Anguillavidae n. fam. **Hay**, O. P. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (395-452, with 13 pls.).

Anguillarus n. gen. et nn. spp. **Hay**, O. P. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (395-452, with 13 pls.).

Coccodus insignis n. sp. **Hay**, O. P. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (395-452, with 13 pls.).

Ctenothrissa signifer n. sp. **Hay**, O. P. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (395-452, with 13 pls.).

Dercetis nn. spp. **Woodward**, A. S. London, Monogr. Palaeont. Soc., **57**, 1903, (65).

Encheliidae n. fam. **Hay**, O. P. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (395-452, with 13 pls.).

Enchelion n. gen. *E. montium* n. sp. **Hay**, O. P. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (395-452, with 13 pls.).

Enchodus saevus n. sp. **Hay**, O. P. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (1-95, with pl.). Separate. 24.5 cm.

Eubiodectes n. gen. (Type *Chirocentrites libanicus* Pict. and Humb.) **Hay**, O. P. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (395-452, with 13 pls.).

Leptotrachelus serpentinus n. sp. **Hay**, O. P. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (395-452, with 13 pls.).

Microcoelia dayi n. sp. **Hay**, O. P. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (395-452, with 13 pls.).

Osmerooides nn. spp. **Hay**, O. P. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (395-452, with 13 pls.).

Protosphyraena sequax n. sp. **Hay**, O. P. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (1-95, with pl.). Separate. 24.5 cm.

Pycnosterinx levispinosus n. sp. **Hay**, O. P. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (395-452, with 13 pls.).

Raja whitfieldi n. sp. **Hay**, O. P. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (395-452, with 13 pls.).

Rhinellus delicatus n. sp. **Hay**, O. P. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (395-452, with 13 pls.).

Rhinobatus eretes n. sp. **Hay**, O. P. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (395-452, with 13 pls.).

Sardinius? imbellis n. sp. **Hay**, O. P. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (1-95, with pl.). Separate. 24.5 cm.

Sclerorhynchus nn. spp. **Hay**, O. P. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (395-452, with 13 pls.).

Stenoprotome n. gen. *S. hamata* n. sp. **Hay**, O. P. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (395-452, with 13 pls.).

Urechelys. **Woodward**, A. S. Ann. Mag. Nat. Hist., London, [7] **12**, 1903, (254, 255).

Urechelys germanus n. sp. **Hay**, O. P. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (395-452, with 13 pls.).

5431.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

Ancistrodon splendens. **Levi**, C. Padova, Atti Soc. ven. trent., (Ser. 2), **4**, [1900-1902], 1902, (33-36).

Carcharodon. **Storms**, R. Bruxelles, Bul. Soc. geol., paléont., hydr., **1901**, (259-267); Bruxelles (Hayez), 1901, (10, av. 1 pl.).

Ginglymostoma blanchenhorni n. sp.
Stromer, E. N. Jahrb. Min., Stuttgart,
1903, **1**, (29-41, mit 1 Taf.).

Pleuroptyx. **Udden**, J. A. Des
Moines, Proc. Iowa Acad. Sci., **9**, **1901**,
1902, (121).

Zatrachys crucifer n. sp. **Case**, E. C.
Chicago, Ill., J. Geol. Univ. Chic. **11**,
1903, (394-402).

5631 REPTILIA AND BATRACHIA.

5631.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Ceraterpeton. **Jaekel**, O. N. Jahrb.
Min., Stuttgart, **1903**, **1**, (109-134, mit 4
Taf.).

Diceratosaurus n. gen. **Jaekel**, O.
N. Jahrb. Min., Stuttgart, **1903**, **1**, (109-
134, mit 4 Taf.).

Diplocaulus. **Jaekel**, O. N. Jahrb.
Min., Stuttgart, **1903**, **1**, (109-134, mit 4
Taf.).

Ichthyosaurus. **Woodward**, A. S.
London, Brit. Ass. Geol. Phot., **2**, **1903**,
(2126).

Pareiasaurus serridens. **Broom**, R.
Cape Town, Ann. S. Afr. Mus., **4**, **1903**,
(123-138, with 2 pls. XV-XVI).

Procolophon. **Broom**, R. Graham's
Town, Cape Colony, Rec. Alb. Mus., **1**,
1903, (8-24, with pl. 1 and figs. 4-6).

Scylacosaurus selateri. **Broom**, R.
Geol. Mag., London, (ser. 2), [4] **10**, **1903**,
(343, fig.).

Segoceras. **Nopcsa**, F. Baron, jun.
Centralbl. Min., Stuttgart, **1903**, (266-
267).

Sterecephalus. **Nopcsa**, F. Baron,
jun. Centralbl. Min., Stuttgart, **1903**,
(266-267).

Telmatosaurus n. nom. = *Limnosau-
rus* (Nopcsa). **Nopcsa**, F. Baron, jun.
Centralbl. Min., Stuttgart, **1903**, (54).

5631.55 UPPER PALAEOZOIC.

Deuterosaurus scleyi n. sp.? **Nopcsa**,
F. Baron, jun. Wien, Peitr. Pal. Geol.
ÖstUng., **14**, **1902**, (185-194, mit 1
Taf.).

Embolophorus dollovi **Cope**.
Case, E. C. Chicago, Ill., J. Geol.
Univ. Chic., **11**, **1903**, (1-28, with pl.).

5631.65 TRIASSIC.

Batrachosuchus brouni n. sp. **Broom**,
R. Geol. Mag., London, (Ser. 2), [4] **10**,
1903, (499).

Ekbainacanthus tschernyschevi n. g. n.
sp. **Jakovlev**, N. St. Peterburg, Verh.
Russ. mineral. Ges., **40**, (179-202, with
pl.).

Icidosaurus n. gen. *I. angusticeps*
n. sp. **Broom**, R. Cape Town, Ann. S.
Afric. Mus., **4**, **1903**, (151).

Leptochirus n. gen. *L. zitteli* n. sp.
Merriam, J. C. Berkeley, Univ. Cal.,
Bull. Dept. Geol., **3**, **1903**, (249-263,
with pl.).

Lycosuchus mackayi n. sp. **Broom**,
R. Cape Town, Ann. S. Afric. Mus., **4**,
1903, (154).

Lystrosaurus. **Broom**, R. Cape
Town, Ann. S. Afric. Mus., **4**, **1903**.
(139-141, with 1 fig.); Graham's Town,
Cape Colony, Rec. Alb. Mus., **1**, **1903**,
(3-8, with pl. 1 and fig. 3).

Mirosaurus. **Reposi**, E. Milano,
Atti Soc. ital. sc. nat., **41**, **1902**, (361-
372, con tav.).

Paliguana n. gen. *P. whitei* n. sp.
Broom, R. Graham's Town, Cape
Colony, Rec. Alb. Mus., **1**, **1903**, (1, with
pl. 1 and figs. 1-2).

Proneusticosaurus n. gen. et nn. spp.
Volz, W. Palaeontographica, Stuttgart,
49, **1902**, (121-162, mit 2 Taf.).

Protesuchus fergusi n. sp. **Broom**, R.
Cape Town, Ann. S. Afric. Mus., **4**, **1903**,
(159, pl. XIX).

Scylacosaurus n. gen. *S. selateri* n. sp.
Broom, R. Cape Town, Ann. S. Afric.
Mus., **4**, **1903**, (147, pl. XVII, figs. 1, 2,
3 and 5).

Scynnosaurus n. gen. *S. ferox* n. sp.
Broom, R. Cape Town, Ann. S. Afric.
Mus., **4**, **1903**, (152).

Shastaturus nn. spp. **Merriam**, J. C. Berkeley, Univ. Cal., Bull. Dept. (Geol., **3**, 1902, (63-108, with 12 pls.). Separate. 27 cm.

Therocephalia n. order. **Broom**, R. On the affinities of the primitive Theriodonts. Cape Town, Ann. S. Afric. Mus., **4**, 1903, (154).

Titanosuchus. **Broom**, R. Cape Town, Ann. S. Afric. Mus., **4**, 1903, (141-146).

Titanosuchus cloetei n. sp. **Broom**, R. Cape Town, Ann. S. Afric. Mus., **4**, 1903, (142).

Toretocnemus n. gen. *T. californicus* n. sp. **Merriam**, J. C. Berkeley, Univ. Cal., Bull. Dept. Geol., **3**, 1903, (249-263, with pl.).

5631.70 JURASSIC.

Astrodon. **Hatcher**, J. B. Pittsburgh, Pa., Ann. Carnegie Mus., **2**, 1903, (9-14).

Baptanodon marshi n. sp. **Knight**, W. C. Amer. J. Sci., New Haven, Conn., (Ser. 4), **16**, 1903, (76-81).

Brachiosaurus n. gen. *B. altithorax* n. sp. **Riggs**, E. S. Amer. J. Sci., New Haven, Conn., (Ser. 4), **15**, 1903, (299-306).

Bronosaurus. **Riggs**, E. S. Science, New York, N.Y., (N. Ser.), **17**, 1903, (393-394).

Compsognathus. **Nopcsa**, F. Baron, jun. N. Jahrb. Min., Stuttgart, Beilagebd **16**, 1903, (476-494, mit 2 Taf.).

Creosaurus. **Osborn**, H. F. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (697-701, with pl.). Separate. 24.5 cm.

Diplodocus. **Hatcher**, J. B. Pittsburgh, Pa., Mem. Carnegie Mus., **2**, 1903, (72-75, with pl.).

Diplodocus carnegii n. sp. **Hatcher**, J. B. Pittsburgh, Pa., Mem. Carnegie Mus., **1**, 1901, (1-63, with pl.).

Haplocanthosaurus utterbacki n. sp. **Hatcher**, J. B. Pittsburgh, Pa., Mem. Carnegie Mus., **2**, 1903, (1-72, with pl.).

Haplocanthus n. gen. *H. priscus* n. sp. Colorado. **Hatcher**, J. B. Washington, D.C. Proc. Biol. Soc., **18**, 1903, (1-2). Separate. 24.7 cm.

Ichthyosaurus acutirostris? **Coy**, F. Northampton, J. Nat. Hist. Soc., **11**, (91), 1902, (248).

Ornitholestes n. gen. *O. hermanni* n. sp. **Osborn**, H. F. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (459-464, with pl.). Separate. 24.5 cm.

5631.75 CRETACEOUS.

Acteosaurus. **Nopcsa**, F. Baron, jun. Wien, Beitr. Pal. Geol. OstUng., **15**, 1903, (31-42, mit 2 Taf.).

Adriosaurus. **Nopcsa**, F. Baron, jun. Wien, Beitr. Pal. Geol. OstUng., **15**, 1903, (31-42, mit 2 Taf.).

Aigialosaurus. **Gorjanović-Kramberger**, K. D. Wien, Verh. Geol. Rchs-Anst., **1901**, (271-272).

——— **Nopcsa**, F. Baron, jun. Wien, Beitr. Pal. Geol. OstUng., **15**, 1903, (31-42, mit 2 Taf.).

Brachanchenius lucasi n. sp. **Lucas**, F. A. Washington, D.C., Smithsonian Inst., Misc. Collect. Q. Issue, **45**, 1903, (96, with pl.).

Carsosaurus. **Nopcsa**, F. Baron, jun. Wien, Beitr. Pal. Geol. OstUng., **15**, 1903, (31-42, mit 2 Taf.).

Claosaurus? *affinis* n. sp. **Wieland**, G. R. Amer. J. Sci., New Haven, Conn., (Ser. 4), **15**, 1903, (211-216).

Dolichosaurus. **Nopcsa**, F. Baron, jun. Wien, Beitr. Pal. Geol. OstUng., **15**, 1903, (31-42, mit 2 Taf.).

Iguanodon. **De Pauw**, L. F. Notes sur les fouilles du charbonnage de Bernissart. Découverte . . . des Iguanodons. Bruxelles (Jampertz), 1902, (25, fig. et pl. hors texte). 8vo.

——— **Van den Broeck**, F. Nouvelles observations relatives au gisement des Iguanodons de Bernissart. . . . Bruxelles (Hayez), 1902, (20). 1 fr. 8vo.

——— **Van Ertborn**, O. . . . les Iguanodons de Bernissart. Anvers (J. E. Buschmann), 1902, (8, av. fig.).

Iguanodon bernissartensis. De Pauw, I. F. Contribution à l'étude de l'*Iguanodon bernissartensis*. Mons (Dequesne-Masquillier et fils), 1902, (14, av. 6 pls. hors texte).

Mesoleptos ? *Nopcsa*, F. Baron, jun. Wien, Beitr. Pal. Geol. OstUng., 15, 1903, (31-42, mit 2 Taf.).

Neustosaurus Raspail. *Nopcsa*, F. Baron, jun. Centralbl. Min., Stuttgart, 1903, (504-505).

Opetiosaurus. *Gorjanović - Kramberger*, K. D. Wien, Verh. Geol. Rchs Anst., 1901, (271-272).

——— *Nopcsa*, F. Baron, jun. Wien, Beitr. Pal. Geol. OstUng., 15, 1903, (31-42, mit 2 Taf.).

Opetiosaurus n. gen. *O. buccichi* n. sp. *Kornhuber*, A. Wien. Abh. Geol. RchsAnst., 17, Heft 5, 1901, (24, mit 3 Taf.).

——— *Kornhuber*, A. Wien, Verh. Geol. RchsAnst., 1901, (147-153).

Pontosaurus. *Nopcsa*, F. Baron, jun. Wien, Beitr. Pal. Geol. OstUng., 15, 1903, 31-42, mit 2 Taf.).

Pteranodon. *Eaton*, G. F. Amer. J. Sci., New Haven. Conn., (Ser. 4), 16, 1903, (82-86, with 2 pls.).

Triceratops. *Beasley*, W. L. Sci. Amer., New York, N.Y., 89, 1903, (87).

Triceratops serratus. *Lull*, R. S. New York, N.Y., Bull. Amer. Mus. Nat. Hist., 19, 1903, (685-695, with 1 pl.). Separate, 24.5 cm.

5631.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

Castresia n. gen. *C. munieri* n. sp. *Stefano* (De), G. Roma, Boll. Soc. geol. ital., 21, 1902, (389-397, con tav.).

Crocodylus. *Squinabol*, S. Venezia, Atti Ist. ven., (Ser. 8), 4, 1902, (183-187, con tav.).

Euclastes douvillei. *Stefano* (De), G. Sui cheloniani fossili conservati nella Scuola superiore delle Miniere di Parigi. Nota prima. L'*Euclastes douvillei*, De Stefano, dell' Eocene inferiore dell' Africa settentrionale. Reggio Calabria (tip. Morello), 1902, (1-13, con 1 tav.). 32 cm.

Euclastes ? kochi n. sp. *Lörenthey*, T. Földt. Közl., Budapest, 33, 1903, (193-208, 246-266, mit Taf. V-VI.).

Pelomedusa nn. spp. *Reinach*, A. von. Frankfurt a. M., Abh. Senckenb. Ges., 29, 1903, (1-64, mit 17 Taf.).

Podocnemis nn. spp. *Andrews*, C. W. Ann. Mag. Nat. Hist., London, (Ser. 7), 11, 1903, (120).

——— *Reinach*, A. von. Frankfurt a. M., Abh. Senckenb. Ges., 29, 1903, (1-64, mit 17 Taf.); Zool. Anz., Leipzig, 26, 1903, (459-463).

Stereogenys nn. spp. *Andrews*, C. W. Ann. Mag. Nat. Hist., London, (Ser. 7), 11, 1903, (115).

Stereogenys podocnemoides n. sp. *Reinach*, A. von. Frankfurt a. M., Abh. Senckenb. Ges., 29, 1903, (1-64, mit 17 Taf.); Zool. Anz., Leipzig, 26, 1903, (459-463).

Sternothaerus dewitzianus n. sp. *Reinach*, A. von. Frankfurt a. M., Abh. Senckenb. Ges., 29, 1903, (1-64, mit 17 Taf.); Zool. Anz., Leipzig, 26, 1903, (459-463).

Trionyx nn. spp. *Reinach*, A. von. Frankfurt a. M., Abh. Senckenb. Ges., 29, 1903, (1-64, mit 17 Taf.); Zool. Anz., Leipzig, 26, 1903, (459-463).

——— *Eutot*, A. Quelques découvertes paléontologiques nouvelles. II. Découverte d'une tortue du genre *Trionyx* . . . Bruxelles (Hayez), 1903, (10).

——— *clavatomarginatus* n. sp. *Lörenthey*, T. Földt. Közl., Budapest, 33, 1903, (193-208, 249-266, mit Taf. V-VI).

5631.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Clemmys hesperia, *C. sarea* nn. spp. *Hay*, O. P. Two new species of Fossil Turtles from Oregon. Berkeley, Univ. Cal., Bull. Dept. Geol., 3, 1903, (237-241).

Palaeobatrachus. *Laube*, G. C. Prag, SitzBer. Lotos, 51, 1903, (106-114).

Pelomedusa nn. spp. *Reinach*, A. von. Frankfurt a. M., Abh. Senckenb. Ges., 29, 1903, (1-64, mit 17 Taf.).

Podocnemis nn. spp. **Reinach**, A. von. Frankfurt a. M., Abh. Senckenb. Ges. **29**, 1903, (1-64, mit 17 Taf.); Zool. Anz., Leipzig, **26**, 1903, (459-463).

Stereogenys podocnemoides n. sp. **Reinach**, A. von. Frankfurt a. M., Abh. Senckenb. Ges., **29**, 1903, (1-64, mit 17 Taf.); Zool. Anz., Leipzig, **26**, 1903, (459-463).

Sternotherus devitzius n. sp. **Reinach**, A. von. Frankfurt a. M., Abh. Senckenb. Ges., **29**, 1903, (1-64, mit 17 Taf.); Zool. Anz., Leipzig, **26**, 1903, (459-463).

Stylomys bottii n. form. **Stefano** (De), G. Riv. Ital. paleont., Bologna, **8**, 1902, (72-74, con tav.).

Stylomys calaverensis n. sp. **Sinclair**, W. J. Berkeley, Univ. Cal., Bull. Dept. Geol., **3**, 1903, (243-248).

Trionyx nn. spp. **Reinach**, A. von. Frankfurt a. M., Abh. Senckenb. Ges., **29**, 1903, (1-64, mit 17 Taf.); Zool. Anz., Leipzig, **26**, 1903, (459-463).

5831 AVES.

5831.75 CRETACEOUS.

Hesperornis. **Lucas**, F. A. Washington, D.C., Smithsonian Inst., Misc. Collect., (Q. Issue), **45**, 1903, (95, with pl.). Separate. 24.5 cm.

5831.80 CAENOZOIC.

Mancana n. gen. *M. californiensis* n. sp. **Lucas**, F. A. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., **24**, 1901, (133-134). Separate. 24.5 cm.

5831.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Struthio karatheodoris. **Martin**, R. London, Proc. Zool. Soc., **1903**, (203-210).

6031 MAMMALIA.

6031.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Elephas. **Lydekker**, R. Knowledge, London, **26**, 1903, (169-172, figs.).

Elephas africanus. **Andrews**, C. W. Geol. Mag., London, (Ser. 2), [4] **10**, 1903, (339).

Elephas primigenius. **Rabot**, C. Globe illustré, Bruxelles, **1902**, (277).

Karoomys browni, **Brooks**, R. Geol. Mag., London, (Ser. 2), [4] **10**, 1903, (345, fig.).

Lemur. **Smith**, G. E. London, Trans. Linn. Soc. (Zool.), **8** (10), 1903, (319-432).

Lophiodon. **Boule**, M. Paris, Bul. soc. géol., (sér. 4), **2**, 1902, (324).

——— **Depéret**, C. Paris, Bul. soc. géol., (sér. 4), **2**, 1902, (323-324, 344-345).

——— **Gaudry**, A. Paris, Bul. soc. géol., (sér. 4), **2**, 1902, (344).

Mastodon angustidens. **Andrews**, C. W. London, Rep. Brit. Ass., **1902**, (1903), (654).

Megalohyrax eocaenus. **Andrews**, C. W. Geol. Mag., London, (Ser. 2), [4] **10**, 1903, (340, fig.).

Pterodon africanus. **Andrews**, C. W. Geol. Mag., London, (Ser. 2), [4] **10**, 1903, (341 fig.).

6031.75 CRETACEOUS.

Euclenepeltus complicatus n. sp. **Brown**, B. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (453-457, with pl.). Separate. 24.5 cm. [*Edentata*].

6031.80 MESOZOIC (SECONDARY).

Delphinopsis freyeri Müll. **Abel**, O. Wien, Beitr. Pal. Geol. OstUng., **13**, 1901, (297-317, mit 2 Taf.).

Equus. **Beasley**, W. F. Sci. Amer., New York, N.Y., **88**, 1903, (451-452).

6031.85 LOWER CAENOZOIC
(EOCENE, OLIGOCENE).

Agriochærus nn. spp. **Douglass, E.** Philadelphia, Pa., Trans. Amer. Phil. Soc., (N. Ser.), **20**, 1902, (237-279, with pl.).

Anchilophus desmaresti. **Weinberg, R.** Zs. wiss. Zool., Leipzig, **74**, 1903, (490-500, mit 1 Taf.).

Apternodus n. gen. *A. mediaevus* n. sp. **Matthew, W. D.** New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (197-226). Separate. 24.5 cm.

Arretotherium n. gen. *A. acridens* n. sp. **Douglass, E.** Philadelphia, Pa., Trans. Amer. Phil. Soc., (N. Ser.), **20**, 1902, (237-279, with pl.).

Arsinoötherium. Geol. Mag., London, (Ser. 2), [4], **10**, 1903, (529).

—— **Lankester, E. Ray.** Paris, C.-R. Acad. sci., **136**, 1903, (802).

Arsinoötherium andreusi. **Lankester, E. Ray.** [In an anonymous paper.] Geol. Mag., London, (Ser. 2) [4], **10**, 1903, (531).

Bathygenys n. gen. *B. alpha* n. sp. **Douglass, E.** Philadelphia, Pa., Trans. Amer. Phil. Soc., (N. Ser.), **20**, 1902, (237-279, with pl.).

Bunaelurus infelix n. sp. **Matthew, W. D.** New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (197-226). Separate. 24.5 cm.

Colodon cingulatus n. sp. **Douglass, E.** Philadelphia, Pa., Trans. Amer. Phil. Soc., (N. Ser.), **20**, 1902, (237-279, with pl.).

Cylindrodon n. gen. *C. fontis* n. sp. **Douglass, E.** Philadelphia, Pa., Trans. Amer. Phil. Soc., (N. Ser.), **20**, 1902, (237-279, with pl.).

Cynodictis paterculus n. sp. **Matthew, W. D.** New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (197-226). Separate. 24.5 cm.

Elephas antiquus. **Eutot, A.** Quelques découvertes paléontologiques nouvelles. I. Découverte d'une molaire d'*Elephas antiquus*. . . . Bruxelles (Hayez), 1903, (10).

Euerotaphus helenae n. sp. **Douglass, E.** Philadelphia, Pa., Trans. Amer. Phil. Soc., (N. Ser.), **20**, 1902, (237-279, with pl.).

Eumys minor n. sp. **Douglass, E.** Philadelphia, Pa., Trans. Amer. Phil. Soc., (N. Ser.), **20**, 1902, (237-279, with pl.).

Hyenodon nn. spp. **Douglass, E.** Philadelphia, Pa., Trans. Amer. Phil. Soc., (N. Ser.), **20**, 1902, (237-279, with pl.).

Ictops acutidens n. sp. **Douglass, E.** Philadelphia, Pa., Trans. Amer. Phil. Soc., (N. Ser.), **20**, 1902, (237-279, with pl.).

Ictops thomsoni n. sp. **Matthew, W. D.** New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (197-226). Separate. 24.5 cm.

Ischyromys veterior n. sp. **Matthew, W. D.** New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (197-226). Separate. 24.5 cm.

Leptotragulus profectus n. sp. **Matthew, W. D.** New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (197-226). Separate. 24.5 cm.

Limnecetes n. gen. et nn. spp. **Douglass, E.** Philadelphia, Pa., Trans. Amer. Phil. Soc., (N. Ser.), **20**, 1902, (237-279, with pl.).

Lophiodon. **Omboni, G.** Venezia, Atti Ist. ven., (Ser. 8, 4), **61**, 1902, (189-192, con tav.).

Micropternodus n. gen. *M. borealis* n. sp. **Matthew, W. D.** New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (197-226). Separate. 24.5 cm.

Oreodon robustum n. sp. **Douglass, E.** Philadelphia, Pa., Trans. Amer. Phil. Soc., (N. Ser.), **20**, 1902, (237-279, with pl.).

Fachyhyaena gigantea. **Boule, M.** Nature, Paris, **30**, (2^e Semestre), 1902, (401-402).

Palaeolagus brachyodon n. sp. **Matthew, W. D.** New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (197-226). Separate. 24.5 cm.

—— *temnodon* n. sp. **Douglass, E.** Philadelphia, Pa., Trans. Amer. Phil. Soc., (N. Ser.), **20**, 1902, (237-279, with pl.).

Peratherium titanelix n. sp. **Matthew, W. D.** New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (197-226). Separate. 24.5 cm.

Proamphicyon n. gen. *P. nebrascensis* n. sp. **Hatcher**, J. B. Pittsburgh, Pa., Mem. Carnegie Mus., **1**, 1902, (65-108, with pl.).

Prosciurus n. subgen. (of *Sciurus*). **Matthew**, W. D. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (197-226). Separate. 24.5 cm.

Protemnocon n. gen. *P. inflatus* n. sp. **Hatcher**, J. B. Pittsburgh, Pa., Mem. Carnegie Mus., **1**, 1902, (65-108, with pl.).

Proteriz n. gen. *P. loomisi* n. sp. **Matthew**, W. D. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (227-229). Separate. 24.5 cm.

Sciurus jeffersoni n. sp. **Douglass**, E. Philadelphia, Pa., Trans. Amer. Phil. Soc., (N. Ser.), **20**, 1902, (237-279, with pl.).

Sciurus (Prosciurus) vetustus n. sp. **Matthew**, W. D. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (197-226). Separate. 24.5 cm.

Stenofiber. **Laubo**, G. C. Wien, Verh. Geol. Reichsanst., **1901**, (283-284).

nn. spp. **Douglass**, E. Philadelphia, Pa., Trans. Amer. Phil. Soc., (N. Ser.), **20**, 1902, (237-279, with pl.).

Stibarus montanus n. sp. **Matthew**, W. D. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (197-226). Separate. 24.5 cm.

Zeuglodon. **Stromer**, E. von. Wien, Beitr. Pal. Geol. OestUng., **15**, 1903, (65-101, mit 4 Taf.).

6031.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Aceratherium bavarium n. sp. **Stromer von Reichenbach**, E. Geogr. Jahreshfte, München, **15** (1902), 1903, (56-63, mit 1 Taf.).

Aleicephalus sinensis n. sp. **Schlosser**, M. München, Abh. Ak. Wiss., math.-phys. Cl., **22**, Abt. 1, 1903, (1-221, mit 14 Taf.).

Anchitherium zitteli n. sp. **Schlosser**, M. München, Abh. Ak. Wiss., math.-phys. Cl., **22**, Abt. 1, 1903, (1-221, mit 14 Taf.).

(K-653)

Anthropus. **Schlosser**, M. Centralbl. Min., Stuttgart, **1903**, (512-513).

Balaena etrusca. **Capellini**, G. Bologna, Mem. Acc. sc., (Ser. 5), **9**, 1902, (759-778, con 3 tav.).

Cervavus n. gen. et nn. spp. **Schlosser**, M. München, Abh. Ak. Wiss., math.-phys. Cl., **22**, Abt. 1, 1903, (1-221, mit 14 Taf.).

Dioplodon. **Ugolini**, R. Pisa, Mem. Soc. tosc. sc. nat., **18**, 1902, (10-15).

Dipoides majori n. sp. **Schlosser**, M. München, Abh. Ak. Wiss., math.-phys. Cl., **22**, Abt. 1, 1903, (1-221, mit 14 Taf.).

Dryopithecus darwini n. sp. **Abel**, O. Wien, SitzBer. Ak. Wiss., **111**, 1902, Abtheilung I, (1171-1207, mit 1 Taf.); Centralbl. Min., Stuttgart, **1903**, (176-182).

Elephas primigenius. **Portis**, A. Roma, Boll. Soc. geol. ital., **21**, 1902, (93-114, con tav.).

Gazella nn. spp. **Schlosser**, M. München, Abh. Ak. Wiss., math.-phys. Cl., **22**, Abt. 1, 1903, (1-221, mit 14 Taf.).

Grhipopithecus n. gen. *G. suessi* n. sp. **Abel**, O. Wien, SitzBer. Ak. Wiss., **111**, 1902, Abtheilung I, (1171-1207, mit 1 Taf.); Centralbl. Min., Stuttgart, **1903**, (176-182).

Homo. **Alsberg**, M. Verh. Ges. D. Natf., Leipzig, **74** (1902), II, 1, 1903. (175-176).

Hyaena gigantea n. sp. **Schlosser**, M. München, Abh. Ak. Wiss., math.-phys. Cl., **22**, Abt. 1, 1903, (1-221, mit 14 Taf.).

Leptoplesictis filholi [*Herpestes filholi*, Gaillard.]. **Major**, C. I. F. Geol. Mag., London, (ser. 2), [4] **10**, 1903, (536).

Lophiodon sardus n. sp. **Bosco**, C. Roma, Rend. Acc. Lincei, (Ser. V), **11**, 1902, 2^a Sem., (178-182, con fig.).

Lutra brachygnathus n. sp. **Schlosser**, M. München, Abh. Ak. Wiss., math.-phys. Cl., **22**, Abt. 1, 1903, (1-221, mit 14 Taf.).

Machairodus horribilis n. sp. **Schlosser**, M. München, Abh. Ak. Wiss., math.-phys. Cl., **22**, Abt. 1, 1903, (1-221, mit 14 Taf.).

Mastodon. **Clarke, J. M.** Albany Univ., N.Y., Bull. St. Mus., No. 69, 1903, (921-933, with pl.).

Mastodon lydekkeri n. sp. **Schlosser, M.** München, Abh. Ak. Wiss., math.-phys. Cl., 22, Abt. 1, 1903, (1-221, mit 14 Taf.).

Meles taxipater n. sp. **Schlosser, M.** München, Abh. Ak. Wiss., math.-phys. Cl., 22, Abt. 1, 1903, (1-221, mit 14 Taf.).

Monachus albiventer. **Ugolini, R.** Paleontogr. Italica, Pisa, 8, 1902, (1-20, con 3 tav., con 1 fig.); Pisa, Proc. verb. Soc. tosc. sc. nat., 13, 1902, (87-88).

Mylagaulodon n. gen. *M. angulatus* n. sp. **Sinclair, W. J.** Amer. J. Sci., New Haven, Conn., (Ser. 4), 15, (143-144).

Neohipparion n. gen. *N. schileyi* n. sp. **Gidley, J. W.** New York, N.Y., Bull. Amer. Mus. Nat. Hist., 19, 1903, (465-476). Separate. 24.5 cm.

Neopithecus. **Schlosser, M.** Centralbl. Min., Stuttgart, 1903, (512-513).

Neopithecus n. nom. = *Anthropodus* Schlosser. **Abel, O.** Centralbl. Min., Stuttgart, 1903, (176-182).

Ocapia. **Boule, M.** Autun, Bul. soc. sci. nat., 15, 1902, (Proc.-verb., 191-194).

Palaeoreas sinensis n. sp. **Schlosser, M.** München, Abh. Ak. Wiss., math.-phys. Cl., 22, Abt. 1, 1903, (1-221, mit 14 Taf.).

Paraboselaphus n. gen. *P. ameghinai* n. sp. **Schlosser, M.** München, Abh. Ak. Wiss., math.-phys. Cl., 22, Abt. 1, 1903, (1-221, mit 14 Taf.).

Paracamelus n. gen. *P. gigas* n. sp. **Schlosser, M.** München, Abh. Ak. Wiss., math.-phys. Cl., 22, Abt. 1, 1903, (1-221, mit 14 Taf.).

Paramylodon n. gen. *P. nebrascensis* n. sp. **Brown, B.** New York, N.Y., Bull. Amer. Mus. Nat. Hist., 19, 1903, 569-584, with 2 pls.). Separate. 24.5 cm.

Platygonus texanus n. sp. **Gidley, J. W.** New York, N.Y., Bull. Amer. Mus. Nat. Hist., 19, 1903, (477-481). Separate. 24.5 cm.

Plesiadax depereti n. sp. **Schlosser, M.** München, Abh. Ak. Wiss., math.-phys. Cl., 22, Abt. 1, 1903, (1-221, mit 14 Taf.).

Progenetta certa n. sp. **Major, C. I. F.** Geol. Mag., London, (ser. 2), [4] 10, 1903, (534).

Protetraceros n. gen. *P. gaudryi* n. sp. **Schlosser, M.** München, Abh. Ak. Wiss., math.-phys. Cl., 22, Abt. 1, 1903, (1-221, mit 14 Taf.).

Pseudobos n. gen. et nn. spp. **Schlosser, M.** München, Abh. Ak. Wiss., math.-phys. Cl., 22, Abt. 1, 1903, (1-221, mit 14 Taf.).

Rhinoceros nn. spp. **Schlosser, M.** München, Abh. Ak. Wiss., math.-phys. Cl., 22, Abt. 1, 1903, (1-221, mit 14 Taf.).

Strepsiceros nn. spp. **Schlosser, M.** München, Abh. Ak. Wiss., math.-phys. Cl., 22, Abt. 1, 1903, (1-221, mit 14 Taf.).

Sus nn. spp. **Schlosser, M.** München, Abh. Ak. Wiss., math.-phys. Cl., 22, Abt. 1, 1903, (1-221, mit 14 Taf.).

Sus erimanthus. **Ugolini, R.** Pisa, Proc. verb. Soc. tosc. sc. nat., 13, 1902, (27-29).

Tragoceros nn. spp. **Schlosser, M.** München, Abh. Ak. Wiss., math.-phys. Cl., 22, Abt. 1, 1903, (1-221, mit 14 Taf.).

Trocharion albanense n. g. n. sp. **Major, C. I. F.** Geol. Mag., London, (Ser. 2), [4] 10, 1903, (536).

Trochictis nn. spp. **Major, C. I. F.** Geol. Mag., London, (Ser. 2), [4] 10, 1903, (537).

Ursus spelaeus. **Ugolini, R.** Pisa, Proc. verb. Soc. tosc. sc. nat., 13, 1902, (26-27).

Vulpes sinensis n. sp. **Schlosser, M.** München, Abh. Ak. Wiss., math.-phys. Cl., 22, Abt. 1, 1903, (1-221, mit 14 Taf.).

6031.95 *PLEISTOCENE AND RECENT.*

Alces machilis. **Newton, E. T.** London, Q. J. Geol. Soc., 59, 1903, (80-90).

Alcicephalus sinensis n. sp. **Schlosser, M.** München, Abh. Ak. Wiss., math.-phys. Cl., 22, Abt. 1, 1903, (1-221, mit 14 Taf.).

Anchitherium zitteli n. sp. **Schlosser**, M. München, Abh. Ak. Wiss., math.-phys. Cl., **22**, Abt. 1, 1903, (1-221, mit 14 Taf.).

Bos primigenius. **Sheppard**, T. Hull. Mus. Publ., **15**, 1903, (6, 7).

Cariacus. **Smallwood**, W. M. Science, New York, N.Y., (N. Ser.), **18**, 1903, (26-27).

Castor. **Bosco**, C. Roma, Rend. Acc. Lincei, (Ser. 5), **11**, 1902, 2^o Sem., (367-371, con fig.).

Cervavus n. gen. et nn. spp. **Schlosser**, M. München, Abh. Ak. Wiss., math.-phys. Cl., **22**, Abt. 1, 1903, (1-221, mit 14 Taf.).

Dipoides majori n. sp. **Schlosser**, M. München, Abh. Ak. Wiss., math.-phys. Cl., **22**, Abt. 1, 1903, (1-221, mit 14 Taf.).

Elephas. **Knight**, W. C. Science, New York, N.Y., (N. Ser.), **17**, 1903, (828-829).

Elephas columbi. **Sternberg**, C. H. Science, New York, N.Y., (N. Ser.), **17**, 1903, (511-512).

Elephas cypriotes n. sp. **Bate**, D. M. A. London, Proc. R. Soc., **71**, 1903, (500).

Elephas primigenius. **Sheppard**, T. Hull. Mus. Publ., **15**, 1903, (8-10, fig.).

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(κ-653)

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Paraboselaphus n. gen. *P. ameghinoi* n. sp. **Schlosser**, M. München, Abh. Ak. Wiss., math.-phys. Cl., **22**, Abt. 1, 1903, (1-221, mit 14 Taf.).

Paracamelus n. gen. *P. gigas* n. sp. **Schlosser**, M. München, Abh. Ak. Wiss., math.-phys. Cl., **22**, Abt. 1, 1903, (1-221, mit 14 Taf.).

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Protetraceros n. gen. *P. gaudryi* n. sp.
Schlosser, M. München, Abh. Ak.
 Wiss., math.-phys. Cl., **22**, Abt. 1, 1903,
 (1-221, mit 14 Taf.).

Pseudobos n. gen. et nn. spp.
Schlosser, M. München, Abh. Ak.
 Wiss., math.-phys. Cl., **22**, Abt. 1, 1903,
 (1-221, mit 14 Taf.).

Rhinoceros nn. spp. **Schlosser**, M.
 München, Abh. Ak. Wiss., math.-phys.
 Cl., **22**, Abt. 1, 1903, (1-221, mit 14
 Taf.).

Rhinoceros hundsheimensis n. form.
Toula, F. Wien, Verh. Geol. RchsAnst.,
1901, (309-311); Wien, Abh. Geol.
 RchsAnst., **19**, Heft 1, 1902, (92, mit 12
 Taf.).

Spalax fritschi n. sp. **Nehring**, A.
 Berlin, SitzBer. Ges. natf. Freunde,
1902, (77-85).

Strepsicerus nn. spp. **Schlosser**, M.
 München, Abh. Ak. Wiss., math.-phys.
 Cl., **22**, Abt. 1, 1903, (1-221, mit 14
 Taf.).

Sus nn. spp. **Schlosser**, M. München,
 Abh. Ak. Wiss., math.-phys. Cl., **22**,
 Abt. 1, 1903, (1-221, mit 14 Taf.).

Tragoceros nn. spp. **Schlosser**, M.
 München, Abh. Ak. Wiss., math.-phys.
 Cl., **22**, Abt. 1, 1903, (1-221, mit 14
 Taf.).

Ursus. **Smallwood**, W. M. Science,
 New York, N.Y., (N. Ser.), **18**, 1903,
 (26-27).

Ursus spelaeus. **Flores**, E. Riv. ital.
 paleont., Bologna, **8**, 1902, (26-27, con
 fig.).

Vulpes sinensis n. sp. **Schlosser**, M.
 München, Abh. Ak. Wiss., math.-phys.
 Cl., **22**, Abt. 1, 1903, (1-221, mit 14
 Taf.).

LIST OF NEW GENERA AND SPECIES.

0131 FOSSILS OF DOUBTFUL
AFFINITY OR ORIGIN.RHIZOKORALLIUM *hildesiense*. Menzel, H.

0431 PROTOZOA.

Ammofrondicularia n. gen. [Foraminifera].
——— *Schubert*, R. J. 1874.——— *angusta*. Schubert, R. J. 1874.**BIFARINA** [Foraminifera].——— *semibaculi*. Liebus, A. and Schubert, R. J. 1688.**BOLIVINA** [Foraminifera].——— *raceki*. Schubert, R. J. 1874.**CALCARINA** [Foraminifera].——— *rotula*. Egger, J. G. 1503.**CRISTELLARIA** [Foraminifera].——— *barbata*. Egger, J. G. 1503.**CYCLAMMINA** [Foraminifera].——— *le-beli*. Hermann, A. 1597.——— *uhligi*. Schubert, R. J. 1874.**DIMORPHINA** [Foraminifera].——— *cylindroides*. Liebus, A. and Schubert, R. J. 1688.——— *minuta*. Egger, J. G. 1503.——— *ursulae*. Egger, J. G. 1503.——— *variabilis*. Liebus, A. and Schubert, R. J. 1688.**FLABELLINELLA** [Foraminifera].——— *praemucronata*. Liebus, A. and Schubert, R. J. 1688.**FRONDIULARIA** [Foraminifera].——— *stachei*. Liebus, A. and Schubert, R. J. 1688.——— *sitteliana*. Egger, J. G. 1503.**FUSULINA** [Foraminifera].——— *alternans*. Schellwien, E. 1866.**GAUDRYINA** [Foraminifera].——— *minima*. Egger, J. G. 1503.**GUMBELINA** n. gen. Egger, J. G. 1503.——— *acervulinoides*. Egger, J. G. 1503.——— *fruticosa*. Egger, J. G. 1503.——— *lata*. Egger, J. G. 1503.**HAPLOPHERAGMIUM** [Foraminifera].——— *petiolus*. Egger, J. G. 1503.——— *silex*. Egger, J. G. 1503.——— *spinulosum*. Egger, J. G. 1503.——— *trifolium*. Egger, J. G. 1503.**HYPERAMMINA** [Foraminifera].——— *pellucida*. Schubert, R. J. 1874.**NODOSARIA** [Foraminifera].——— *longispina*. Egger, J. G. 1503.——— *orthophragma*. Egger, J. G. 1503.

NUBECULARIA [Foraminifera].

- *caespitosa* n. form. Steinmann, G. 1947.

PAVONINA [Foraminifera].

- *agglutinans*. Schubert, R. J. 1874.

PLACORSILINA [Foraminifera].

- *bibullata*. Egger, J. G. 1503.

PLANISPIRINA [Foraminifera].

- *agglutinans*. Egger, J. G. 1503.

PROROPORUS [Foraminifera].

- *subquadrilaterus*. Liebus, A. and Schubert, R. J. 1688.

- *surgens*. Egger, J. G. 1503.

SPIROLOCULINA [Foraminifera].

- *waageni*. Liebus, A. and Schubert, R. J. 1688.

SPIROPLECTA [Foraminifera].

- *gracilis*. Egger, J. G. 1503.

- *robusta*. Egger, J. G. 1503.

THURAMMINA [Foraminifera].

- *splendens*. Egger, J. G. 1503.

TRACHELOMONAS [Protozoa].

- *minor*. Palmer, T. C. 1773.

- *spiculifera*. Palmer, T. C. 1773.

- *spinosa*. Palmer, T. C. 1773.

- *vermiculosa*. Palmer, T. C. 1773.

- *vestita*. Palmer, T. C. 1773.

- Trigenerina** n. gen. [Foraminifera]. Schubert, R. J. 1874.

TRITAXIA [Foraminifera].

- *compressa*. Egger, J. G. 1503.

TRUNCATULINA [Foraminifera].

- *farosoides*. Egger, J. G. 1503.

VAGINULINA [Foraminifera].

- *sulzensis* n. form. Herrmann, A. 1596.

0631 PORIFERA.

CRATICULARIA [Hexactinellida].

- *micropora*. Ungern-Sternberg, E. 1993.

EUDICTYON [Hexactinellida].

- *steinmanni*. Bistram, A. 1375.

- Nepheliospongia** n. gen. [Hexactinellida.] Clarke, J. M. 1438.

- *atocensis*. Clarke, J. M. 1438.

- *typica*. Clarke, J. M. 1438.

RHIZOPOTERION [Hexactinellidae].

- *regulare*. Ungern Sternberg, E. 1993.

- *zitteli*. Ungern-Sternberg, E. 1993.

- Strephochetus** n. gen. Seely, H. M. 1893.

- *atratus*. Seely, H. M. 1893.

- *brainerdi*. Seely, H. M. 1893.

- *ocellatus*. Seely, H. M. 1893.

- *prunus*. Seely, H. M. 1893.

VENTRICULITES [Hexactinellidae].

- *borussicus*. Ungern Sternberg, E. 1993.

- *carernosus*. Ungern-Sternberg, E. 1993.

0831 COELENTERATA.

ACANTHOCOENIA [Hexacoralla].

- *neocomiensis*. Volz, W. 2012.

ACTINACIS [Hexacoralla].

- *cognata*. Oppenheim, P. 1762.
 ——— *perelegans*. Oppenheim, P. 1762.
 ——— *remesi*. Felix, J. 1518.
 ——— *sub-rollei*. Oppenheim, P. 1762.

ALVEOLITES [Tabulata].

- *dispana*. Greene, G. K. 1570.
 ——— *subangularis*. Greene, G. K. 1570.

APLOSMILIA [Hexacoralla].

- *crucifera*. Felix, J. 1521.
 ——— *euteiches*. Felix, J. 1522.

ASTRACAEA n. nom. [Hexacoralla].
Felix, J. 1520.**ASTRAEOPORA** [Hexacoralla].

- *mostarensis*. Oppenheim, P. 1762.

Astraraca n. gen. [Hexacoralla]. Felix, J. 1521.**ASTROCOENIA** [Hexacoralla].

- *hoernesii*. Oppenheim, P. 1762.
 ——— *spongilla*. Oppenheim, P. 1762.

Astrogyra n. gen. [Hexacoralla]. Felix, J. 1520, 1521.**AULOPSAMMIA** [Octocoralla ?].

- *lithothamnioides*. Felix, J. 1521.
 ——— *reptans*. Felix, J. 1521.
 ——— *vermiculata*. Felix, J. 1521.

Axoseris n. gen. [Hexacoralla]. Oppenheim, P. 1762.

- *hoernesii*. Oppenheim, P. 1762.

BARYHELIA [Hexacoralla].

- *hexacnema*. Felix, J. 1522.

BARYSMILIA [Hexacoralla].

- *dalmatina*. Oppenheim, P. 1762.

BROOKSELLA [Acalephae].

- *rhenana*. Kinkel, F. 1653.

CALAMOPHYLLIA [Hexacoralla].

- *subtilis*. Oppenheim, P. 1762.
 ——— *tubiporaformis*. Felix, J. 1522.

CARYOPHYLLIA [Hexacoralla].

- *californica*. Arnold, R. 1342.
 ——— *oppeli*. Remes, M. 1837.
 ——— *pedroensis*. Arnold, R. 1342.

CENTRASTRAEA [Hexacoralla].

- *blanckenhorni*. Felix, J. 1522.
 ——— *leptomeres*. Felix, J. 1522.
 ——— *polystyla*. Felix, J. 1522.

CERATOTROCHUS [Hexacoralla].

- *amphitrites*. Felix, J. 1521.
 ——— *clinatus*. Dennant, J. 1474.

Charactophyllum n. gen. [Tetracoralla].
Simpson, G. B. 1921.**CHONOPHYLLUM** [Tetracoralla].

- *pygmaeum*. Greene, G. K. 1570.

CIRCOPHYLLIA [Hexacoralla].

- *gibba*. Oppenheim, P. 1762.

CLADOCORA ? [Hexacoralla].

- *bonniaca*. Oppenheim, P. 1762.

COCCOPHYLLUM [Hexacoralla].

- *maximum*. Volz, W. 2012.

COMOSERIS [Hexacoralla].

- *leptophyes*. Felix, J. 1552.

CRYPTOCOENIA [Hexacoralla].

- *irregularis*. Volz, W. 2012.

CYATHOMORPHA [Hexacoralla].

- *dabricsensis*. Oppenheim, P. 1762.

- CYATHOPHORA** [Hexacoralla].
 ——— *annae*. Volz, W. 2012.
 ——— *pygmaea*. Volz, W. 2012.
- CYATHOSERIS** [Hexacoralla].
 ——— *dinamica*. Oppenheim, P. 1762.
 ——— *zitteli*. Felix, J. 1521.
- CYCLOLITES** [Hexacoralla].
 ——— *rhomboideus*. Oppenheim, P. 1762.
- CYCLOSERIS** [Hexacoralla].
 ——— *brazzanensis*. Oppenheim, P. 1762.
- Cylindrophylum** n. gen. [Tetracoralla].
 Simpson, G. B. 1921.
 ——— *elongatum*. Simpson, G. B. 1921.
- DIMORPHASTRAEA** [Hexacoralla].
 ——— *kobyi*. Felix, J. 1522.
 ——— *uaehneri*. Felix, J. 1521.
- DIPHYPHYLLUM** [Tetracoralla].
 ——— *billingsi*. Greene, G. K. 1570.
- DIPLOCOENIA** [Hexacoralla].
 ——— *hegyesina*. Volz, W. 2012.
- DIPLORIA** [Hexacoralla].
 ——— *latisinuata*. Felix, J. 1521.
- Ditoecholasma** n. gen. [Tetracoralla].
 Simpson, G. B. 1921.
- Edaphophyllum** n. gen. [Tetracoralla].
 Simpson, G. B. 1921.
- ELASMOCOENIA** [Hexacoralla].
 ——— *kittiana*. Felix, J. 1521.
- Enterolasma** n. gen. [Tetracoralla].
 Simpson, G. B. 1921.
- ERIDOPHYLLUM** [Tetracoralla].
 ——— *louisvillensis*. Greene, G. K. 1570.
- FAVOSITES** [Tabulata].
 ——— *helderbergiae* var. *praecedens* n. var. Schuchert, C. 1883.

- FLABELLUM** [Hexacoralla].
 ——— *bosniacum*. Oppenheim, P. 1762.
- Fossopora** n. gen. [Hexacoralla].
 Etheridge, R. jun. 1513.
- GONIARAEA** [Hexacoralla].
 ——— *octopartita*. Oppenheim, P. 1762.
- HALYSITES** [Tabulata].
 ——— *radiatus*. Whitfield, R. P. 2027.
- HAPIARAEA** [Hexacoralla].
 ——— *pratzi*. Felix, J. 1521.
- HAPLOHELIA** [Hexacoralla].
 ——— *ornata*. Felix, J. 1521.
- Hapsiphyllum** n. gen. [Tetracoralla].
 Simpson, G. B. 1921.
- HELIASTRAEA** [Hexacoralla].
 ——— *forojuliensis*. Oppenheim, P. 1762.
 ——— *katzeri*. Oppenheim, P. 1762.
- HELIOPHYLLUM** [Tetracoralla].
 ——— *conglomeratum*. Greene, G. K. 1571.
 ——— *congregatum*. Greene, G. K. 1571.
 ——— *crotalum*. Greene, G. K. 1570.
 ——— *dispansum*. Greene, G. K. 1570.
 ——— *mirum*. Greene, G. K. 1570.
- HETEROCOENIA** [Hexacoralla].
 ——— *coelata*. Felix, J. 1521.
 ——— *erecta*. Felix, J. 1521.
 ——— *fuchsi*. Felix, J. 1521.
 ——— *oculinaeformis*. Felix, J. 1521.
 ——— *stachei*. Felix, J. 1521.
- HOLOCYSTIS** [Hexacoralla].
 ——— *bukovinensis*. Volz, W. 2012.
- Homalophyllum** n. gen. [Tetracoralla].
 Simpson, G. B. 1921.

HYDNOPOHORA [Hexacoralla].

———— *kosmatis* Felix, J. 1521.

HYDNOPHYLLIA [Hexacoralla].

———— *benardellii*. Oppenheim, P. 1762.

———— *prior*. Oppenheim, P. 1762.

Klonelasma n. gen. [Tetracoralla].
Simpson, G. B. 1921.

Laccophyllum n. gen. [Tetracoralla].
Simpson, G. B. 1921.

———— *acuminatum*. Simpson, G. B. 1921.

LASMOGYRA [Hexacoralla].

———— *fortuosa*. Felix, J. 1521.

———— *gracilis*. Felix, J. 1521.

LATIMAEANDRA [Hexacoralla].

———— *amphitrites*. Felix, J. 1522.

———— *zumoffeni*. Felix, J. 1522.

LATIMAEANDRAEAE [Hexacoralla].

———— *doutillii*. Felix, J. 1521.

———— *lophiophora*. Felix, J. 1521.

LEPTOGAPTUS [Graptolitoidea].

———— *ascendens*. Elles, G. L. & Wood, E. M. R. 1507.

———— *flaccidus* var. *arcuatus* n. var.
Elles, G. L. & Wood, E. M. R. 1507.

———— *flaccidus* var. *macer* n. var.
Elles, G. L. & Wood, E. M. R. 1507.

———— *flaccidus* var. *macilentus* n. var.
Elles, G. L. & Wood, E. M. R. 1507.

———— *flaccidus* var. *spinifer* n. var.
Elles, G. L. & Wood, E. M. R. 1507.

———— *grandis*. Elles, G. L. & Wood, E. M. R. 1507.

———— *latus*. Elles, G. L. & Wood, E. M. R. 1507.

———— *validus*. Elles, G. L. & Wood, E. M. R. 1507.

LEPTOSERIS [Hexacoralla]

———— ? *varistella*. Oppenheim, P. 1762.

LITHARAEA [Hexacoralla].

———— *latistellata*. Felix, J. 1521.

———— *vaughani*. Felix, J. 1521.

LONSDALEIA [Tetracoralla].

———— *multiseptata*. Enderle, J. 1508.

Lopholasma n. gen. [Tetracoralla].
Simpson, G. B. 1921.

MADREPORA [Hexacoralla].

———— *herzegouinensis*. Oppenheim, P. 1762.

———— *tergestina*. Oppenheim, P. 1762.

Meniscophyllum n. gen. [Tetracoralla].
Simpson, G. B. 1921.

———— *minutum*. Simpson, G. B. 1921.

MESOMORPHIA [Hexacoralla].

———— *columnaris*. Oppenheim, P. 1762.

MICHELINIA [Tabulata].

———— *icardi*. Greene, G. K. 1570.

MILLEPORA [Hydromedusae].

———— *dalmatina*. Oppenheim, P. 1762.

Milleporidium n. gen. [Hydromedusae].
Steinmann, G. 1948.

———— *remesi*. Steinmann, G. 1948.

MONTIVALTIA [Hexacoralla].

———— *latona*. Felix, J. 1521.

OCULINA [Hexacoralla].

———— *ogilvae*. Felix, J. 1521.

———— *schlosseri*. Felix, J. 1521.

Odontophyllum n. gen. [Tetracoralla].
Simpson, G. B. 1921.

ORBICELLA [Hexacoralla].

———— ? *texana*. Vaughan, T. W. 2008.

PACHYGYRA [Hexacoralla].

———— *microphyes*. Felix, J. 1521.

- PARACTATEUS** [Hexacoralla].
 ——— *pedroensis*. Arnold, R. 1342.
- PARASMILIA** [Hexacoralla].
 ——— *texana*. Vaughan, T. W. 2008.
- PATTALOPHYLLIA** [Hexacoralla].
 ——— *dalmatina*. Oppenheim, P. 1762.
- PHILLIPSASTRAEA** [Tetracoralla].
 ——— *micastraea*. Penecke, K. A. 1787.
 ——— *schafferi*. Penecke, K. A. 1787.
- PHYLLOCOENIA** [Hexacoralla].
 ——— *roashensis*. Dacqué, E. 1468.
- PHYLLOSMILIA** [Hexacoralla].
 ——— *aeg'ale*. Felix, J. 1521.
 ——— *diversicostata*. Felix, J. 1521.
 ——— *transiens*. Felix, J. 1521.
- PLACOCOENIA** [Hexacoralla].
 ——— *decamera*. Volz, W. 2012.
 ——— *major*. Felix, J. 1521.
 ——— *uhligi*. Volz, W. 2012.
- PLACOEHLIA** [Hexacoralla].
 ——— *bigemmis*. Felix, J. 1521.
- Placophyllum** n. gen. [Tetracoralla]. Simpson, G. B. 1921.
 ——— *tabulatum*. Simpson, G. B. 1921.
- PLACUSMILIA** [Hexacoralla].
 ——— *cornu*. Oppenheim, P. 1762.
 ——— *euophila*. Felix, J. 1521.
- PLACOTROCHUS** [Hexacoralla].
 ——— *inflectus*. Dennant, J. 1474.
 ——— *pueblensis*. Dennant, J. 1474.
- PLESIOPHYLLIA** [Hexacoralla].
 ——— *acrisionae*. Felix, J. 1521.
- Pleuropodia** n. gen. Dennant, J. 1474.
 ——— *otrayensis*. Dennant, J. 1474.
- PORITES** [Hexacoralla].
 ——— *crustulum*. Oppenheim, P. 1762.
- Prismatophyllum** n. gen. [Tetracoralla]. Simpson, G. B. 1921.
- PROTOSERIS** [Hexacoralla].
 ——— *cretacea*. Felix, J. 1521.
- Pallogyra** n. gen. [Hexacoralla]. Felix, J. 1521.
 ——— *telleri*. Felix, J. 1521.
- RHABDOPHYLLIA** [Hexacoralla].
 ——— *fallax*. Oppenheim, P. 1762.
- ROMINGERIA** [Tabulata].
 ——— *commutata*. Beecher, C. E. 1358.
 ——— *jacksoni*. Beecher, C. E. 1358.
 ——— *minor*. Beecher, C. E. 1358.
- Scenophyllum** n. gen. [Tetracoralla]. Simpson, G. B. 1921.
- Schoenophyllum** n. gen. [Tetracoralla]. Simpson, G. B. 1921.
- STENOGYRA** [Hexacoralla].
 ——— *sinuosa*. Felix, J. 1521.
- STEPHANOCOENIA** [Hexacoralla].
 ——— *halmopotis*. Felix, J. 1522.
 ——— *major*. Felix, J. 1522.
- STEPHANOSMILIA** [Hexacoralla].
 ——— *d'achiardii*. Oppenheim, P. 1762.
- Stereolasma** n. gen. [Tetracoralla]. Simpson, G. B. 1921.
- STRIATOPORA** [Tabulata].
 ——— *bellistriata*. Greene, G. K. 1570 b.
- STYLINA** [Hexacoralla].
 ——— *parristella*. Volz, W. 2012.
- Synaptophyllum** n. gen. [Tetracoralla]. Simpson, G. B. 1921.

THAMNABAEA [Hexacoralla].

——— *cladophora*. Felix, J. 1521.

——— *lithodes*. Felix, J. 1521.

THAMNASTRAEA [Hexacoralla].

——— *carinata*. Felix, J. 1521.

——— *leptophylla*. Felix, J. 1521.

——— *montuosa*. Felix, J. 1521.

THAMNOPHYLLUM [Tetracoralla].

——— *supradevonicum*. Penecke, K. A. 1787.

Triplophyllum n. gen. [Tetracoralla].
Simpson, G. B. 1921.

TROCHOCYATHUS [Hexacoralla].

——— *adelaidensis*. Dennant, J. 1474.

——— *infracompressus*. Dennant, J. 1474.

——— *napletoni*. Dennant, J. 1474.

——— *microphyes*. Felix, J. 1521.

——— *planicostatus*. Dennant, J. 1474.

TROCHOSERIS [Hexacoralla].

——— *d'achiardii*. Oppenheim, P. 1762.

——— *semitplanus*. Oppenheim, P. 1762.

TROCHOSMILIA [Hexacoralla].

——— *chondrophora*. Felix, J. 1521.

——— *didymophila*. Felix, J. 1521.

——— *leptogramma*. Felix, J. 1521.

——— *psocadiophora*. Felix, J. 1521.

TURBINOSERIS [Hexacoralla].

——— *dubravitzensis*. Oppenheim, P. 1762.

ZAPHRENTIS [Tetracoralla].

——— *trisinuatus*. Greene, G. K. 1570 b.

——— *ueberi*. Greene, G. K. 1570 a.

1031 ECHINODERMATA.**ANTEDON** [Crinoidea].

——— *koprionicensis*. Remeš, M. 1837.

——— *lorioli*. Remeš, M. 1837.

ARTHRASTER [Asteroidea].

——— *senonensis*. Valette, D. A. 1996.

BOTRYOCRINUS [Crinoidea].

——— *longibrachiatas*. Chapman, F. 1429.

BRISSOPSIS [Echinoidea].

——— *forajuliensis*. Oppenheim, P. 1762.

CALCEOCRINUS [Crinoidea].

——— *granuliferus*. Greene, G. K. 1570.

CAMAROCRINUS [Crinoidea].

——— *ulrichi*. Schuchert, C. 1885.

CARPENTEROBLASTUS [Blastoidea].

——— *veryi*. Greene, G. K. 1570.

CIDAROBLASTUS [Blastoidea].

——— *parvus*. Hambach, G. 1577.

Coelocystis n. gen. [Crinoidea].
Schuchert, C. 1885.

CRIBROBLASTUS [Blastoidea].

——— *incisus*. Hambach, G. 1557.

——— *schucherti*. Hambach, G. 1577.

——— *tenuis*. Hambach, G. 1577.

——— *tenuistriatus*. Hambach, G. 1577.

——— *verrucosus*. Hambach, G. 1577.

CYPHOSOMA [Echinoidea].

——— *mollenae*. Paulcke, W. 1781.

CYRTOCRINUS [Crinoidea].

——— *marginatus*. Remeš, M. 1837.

DOLATOCRINUS [Crinoidea].

- *arrosus* var. *cognatus* n. var.
Greene, G. K. 1570.
- *corbuliformis*. Greene, G. K.
1571.
- *corporosus* var. *concinus* n.
var. Greene, G. K. 1571.
- *corporosus* var. *decoratus* n.
var. Greene, G. K. 1571.
- *curriei*. Greene, G. K.
1570.
- *elegantulus*. Greene, G. K.
1571.
- *excavatus* v. *incarinatus* n.
var. Greene, G. K. 1570.
- *fungiferus*. Greene, G. K.
1570.
- *multibrachiatus*. Greene,
G. K. 1570.
- *multinodosus*. Greene, G. K.
1571.
- *noduliferus*. Greene, G. K.
1570.
- *pernodosus*. Greene, G. K.
1570.
- *springeri*. Greene, G. K.
1570.
- *velleri*. Greene, G. K. 1570.

ERISOORINUS [Crinoidea].

- *loczyi*. Katzer, F. 1640.

EUGENIACRINUS [Crinoidea].

- *cupuliformis*. Remeš, M.
1837.
- *granulatus*. Remeš, M.
1837.
- *holopiformis*. Remeš, M.
1837.
- *tithonius*. Remeš, M. 1837.

GENNAEOCRINUS [Crinoidea].

- *comptus*. Greene, G. K.
1570.
- *comptus* var. *spiniferus* n.
var. Greene, G. K. 1570.
- *facetus*. Greene, G. K.
1570.
- *sculptus*. Greene, G. K.
1570.

GLOBOLASTUS [Blastoidea].

- *magnificus*. Hambach, G.
1577.
- *ornatus*. Hambach, G.
1577.
- *spathatus*. Hambach, G.
1577.

Hellococrinus n. gen. [Crinoidea].
Chapman, F. 1429.

- *plumosus*. Chapman, F.
1429.

HEMIASTER [Echinoidea].

- *basidecorus*. Oppenheim, P.
1762.

Jaekelocystis n. gen. [Cystoidea].
1885.

- *hartleyi*. Schuchert, C.
1885.

MEGISTOCRINUS [Crinoidea].

- *expansus* var. *magnitentrus*
n. var. Greene, G. K.
1570.
- *oppelti*. Greene, G. K. 1570.
- *rugosus* var. *spinuliferus* n.
var. Greene, G. K. 1570.

Paropsconema n. gen. [Echinoidea?].
Clarke, J. M. 1437.

- *cryptophya*. Clarke, J. M.
1437.

PENTACEROS [Asteroidea].

- *senonensis*. Valette, D. A.
1996.

PENTREMITES [Blastoidea].

- *angustus*. Hambach, G.
1577.
- *kirki*. Hambach, G. 1577.
- *obtusus*. Hambach, G. 1577.
- *rusticus*. Hambach, G.
1577.
- *serratus*. Hambach, G.
1577.
- *tulipaformis*. Hambach, G.
1577.
- *turbinatus*. Hambach, G.
1577.

PERICOZMUS [Echinoidea].

- *tergestinus*. Oppenheim, P.
1762.

PHYLLOCRINUS [Crinoidea].
 ——— *cyclamen*. Remes, M. 1837.

PLATYCRINUS [Crinoidea].
 ——— *dezonicus*. Greene, G. K. 1870.

POROCIDARIS [Echinoidea].
 ——— *prior*. Oppenheim, P. 1762.

PSEUDOCRINITES [Cystoidea].
 ——— *clarki*. Schuchert, C. 1885.
 ——— *gordoni*. Schuchert, C. 1885.
 ——— *perdeui*. Schuchert, C. 1885.
 ——— *stellatus*. Schuchert, C. 1885.

SACCOBLASTUS [Blastoidea].
 ——— *ventriosus*. Hambach, G. 1577.

SCLEROCRINUS [Crinoidea].
 ——— *batheri*. Remes, M. 1837.
 ——— *pyriformis*. Remes, M. 1837.
 ——— *tenuis*. Remes, M. 1837.

SPHAEROCYSTITES [Crinoidea].
 ——— *globularis*. Schuchert, C. 1885.

STEMMATOCRINUS ? [Crinoidea].
 ——— *veryi*. Greene, G. K. 1570.

STEPHANOCRINUS [Crinoidea].
 ——— *deformis*. Greene, G. K. 1570.
 ——— *quinquepartitus*. Greene, G. K. 1570.

1831 VERMES.

SERPULA [Polychaeta].
 ——— *konjavacensis*. Oppenheim, P. 1762.
 ——— *latereristata*. Oppenheim, P. 1762.
 ——— *pseudospirulaea*. Oppenheim, P. 1762.
 ——— *torquata*. Remes, M. 1837.

2031 BRACHIOPODA AND BRYOZOA.

AMPHICLINA [Brachiopoda].
 ——— *bukowskii*. Bittner, A. 1378.

AMPHICLINODONTA [Brachiopoda].
 ——— *katzeri*. Bittner, A. 1378.

AULACOTHYRIS [Brachiopoda].
 ——— *cognata*. Bittner, A. 1378.
 ——— *cymbula*. Bittner, A. 1378.
 ——— *geyeri*. Bittner, A. 1378.
 ——— *gregalis*. Bittner, A. 1378.
 ——— *incurvata*. Bittner, A. 1378.
 ——— *loeffelholzii*. Bittner, A. 1378.
 ——— *mira*. Bittner, A. 1378.
 ——— *obesula*. Bittner, A. 1378.
 ——— *praevaliana*. Bittner, A. 1378.
 ——— *reclinata*. Bittner, A. 1378.
 ——— *redunca*. Bittner, A. 1378.
 ——— *semiplana*. Bittner, A. 1378.
 ——— *simulatrix*. Bittner, A. 1378.
 ——— *soror*. Bittner, A. 1378.
 ——— *sparsa*. Bittner, A. 1378.
 ——— *supina*. Bittner, A. 1378.
 ——— *turgidula*. Bittner, A. 1378.
 ——— *wähneri*. Bittner, A. 1378.

Aulopocella n. gen. [Bryozoa]. Maplestone, C. M. 1712.

BATOSTOMELLA [Bryozoa].
 ——— *leia*. Condra, G. E. 1454.

CAMAROTOECHIA [Brachiopoda].
 ——— *nitida*. Kinder, E. M. 1651.

CELLEPORA [Bryozoa].
 ——— *stellata*. Maplestone, C. M. 1711.

CERIOFORA [Bryozoa].

- *multiformis*. Dacqué, E. 1468.

CHONETES [Brachiopoda].

- *crassitesta*. Gürich, G. 1576.
- *crenarelli*. Chapman, F. 1430.
- *melbournensis*. Chapman, F. 1430.
- *robusta*. Chapman, F. 1430.

CRANIELLA [Brachiopoda].

- *lata*. Chapman, F. 1430.

CYCLOTRYPHA ? [Bryozoa].

- *barberi*. Condra, G. E. 1454.

CYRTINA [Brachiopoda].

- *katzeri*. Bittner, A. 1378.
- *walteri*. Bittner, A. 1378.

CYSTODICTYA ? [Bryozoa].

- *anisopora*. Condra, G. E. 1454.
- *lophodes*. Condra, G. E. 1454.

DEKATIA [Bryozoa].

- *subfrondosa*. Cumings, E. R. 1467.
- *ulrichi* var. *expansa* n. var. Cumings, E. R. 1467.
- *ulrichi* var. *lobata* n. var. Cumings, E. R. 1467.

Dimorphocella n. gen. [Bryozoa].
Maplestone, C. M. 1711.

- *pyriformis*. Maplestone, C. M. 1711.

EVACTINOPORA [Bryozoa].

- *castletoniensis*. Barnes, T. 1348.

FENESTELLA [Bryozoa].

- *australis*. Chapman, F. 1430.
- *binodata*. Condra, G. E. 1454.
- *conradi* var. *compactilis* n. var. Condra, G. E. 1454.

FENESTELLA [Bryozoa].

- *cyclofenestrata*. Condra, G. E. 1454.
- *gracilis*. Condra, G. E. 1454.
- *margaritifera*. Chapman, F. 1430.
- *partipora*. Condra, G. E. 1454.
- *polyporoides*. Condra, G. E. 1454.
- *spinulosa*. Condra, G. E. 1454.
- *subrudis*. Condra, G. E. 1454.

FISTULIPORA [Bryozoa].

- *carbonaria* var. *nebrascensis* n. var. Condra, G. E. 1454.

GYPIDULA [Brachiopoda].

- *romingeri* var. *indianensis* n. var. Kindle, E. M. 1651.

HORNERA [Bryozoa].

- *airensis*. Maplestone, C. M. 1711.

KINGENA [Brachiopoda].

- *blanckenhorni*. Dacqué, E. 1468.

LEIOHEHNICUS [Brachiopoda].

- *cracoviensis*. Gürich, G. 1576.
- *laevis*. Gürich, G. 1576.

LINGULA [Brachiopoda].

- *latior*. Chapman, F. 1430.
- *spryi*. Chapman, F. 1430.

MARTINIA [Brachiopoda].

- *williamsi*. Kindle, E. M. 1651.

MEEKOPORA [Bryozoa].

- *prosseri*. Condra, G. E. 1454.

MONOMERELLA [Brachiopoda].

- *noreboracum*. Clarke, J. M. & Ruedemann, R. 1444.

ORBICULOIDEA [Brachiopoda].

——— *selwyni*. Chapman, F. 1430.

ORTHIS [Brachiopoda].

——— *tectiformis*. Walther, K. 2017.

ORTHOTICHA [Brachiopoda].

——— *pocchi*. Katzer, F. 1640.

PHYLACTELLA [Bryozoa].

——— *cribrosa*. Maplestone, C. M. 1711.

PLECTAMBONITES [Brachiopoda].

——— *creniscelli*. Chapman, F. 1430.

——— *transversalis*. Chapman, F. 1430.

POLYPORA [Bryozoa].

——— *bassleri*. Condra, G. E. 1154.

——— *remota*. Condra, G. E. 1454.

——— *reversipora*. Condra, G. E. 1454.

——— *ulrichi*. Condra, G. E. 1454.

PRODUCTUS [Brachiopoda].

——— *amazonicus*. Katzer, F. 1640.

——— *mysis*. Enderle, J. 1508.

——— *troianus*. Enderle, J. 1508.

RETEPORA [Bryozoa].

——— *airensis*. Maplestone, C. M. 1711.

——— *arborescens*. Maplestone, C. M. 1711.

——— *complanata*. Maplestone, C. M. 1711.

——— *delicatula*. Maplestone, C. M. 1711.

——— *uniseriatis*. Maplestone, C. M. 1711.

RETICULARIA [Brachiopoda].

——— *wabashensis*. Kindle, E. M. 1651.

RETZIA [Brachiopoda].

——— *magnifica*. Bittner, A. 1378.

RHYNCHONELLA [Brachiopoda].

——— *ambitiosa*. Bittner, A. 1378.

——— *atomaria*. Bittner, A. 1378.

——— *begum*. Bittner, A. 1378.

——— *bogumilorum*. Bittner, A. 1378.

——— *bukowskii*. Bittner, A. 1378.

——— *chanum*. Bittner, A. 1378.

——— *delecta*. Bittner, A. 1378.

——— *depressa*. Kindle, E. M. 1651.

——— *deserta*. Bittner, A. 1378.

——— *dinarica*. Bittner, A. 1378.

——— *fuchsi*. Bittner, A. 1378.

——— *gainesi* var. *casensis* n. var. Kindle, E. M. 1651.

——— *illyrica*. Bittner, A. 1378.

——— ? *litchfieldensis*. Schuchert, C. 1883.

——— *manganophila*. Bittner, A. 1378.

——— *nissa*. Bittner, A. 1378.

——— *nitidula*. Bittner, A. 1378.

——— *pastrovicchiana*. Bittner, A. 1378.

——— *patazena*. Bittner, A. 1378.

——— *perpusilla*. Bittner, A. 1378.

——— *proclivis*. Bittner, A. 1378.

——— *repentina*. Bittner, A. 1378.

——— *trebeticensis*. Bittner, A. 1378.

——— *vicaria*. Bittner, A. 1378.

RHYNCHOPORA [Brachiopoda].

——— *incurvata*. Neviani, A. 1741.

SCHISMOPORA [Bryozoa].

——— *circumvallata*. Maplestone, C. M. 1711.

——— *otwayensis*. Maplestone, C. M. 1711.

SIPHONOTRETA [Brachiopoda].

——— *australis*. Chapman, F. 1430.

——— *maceoyi*. Chapman, F. 1429.

- Solenopora** n. gen. [Bryozoa]. Maplestone, C. M. 1711.
 ——— *tubulifera*. Maplestone, C. M. 1711.

SPIRIFER [Brachiopoda].

- *ceres*. Reed, F. R. C. 1828
 ——— *gregarius* var. *greeni* n. var. Kindle, E. M. 1651.
 ——— *melissensis*. Enderle, J. 1508.
 ——— *mucronatus* var. *arkonensis* n. var. Shimer, H. W. & Grabau, A. W. 1912.
 ——— *mucronatus* var. *thedfordensis* n. var. Shimer, H. W. & Grabau, A. W. 1912.
 ——— *palkowae*. Gürich, G. 1576.
 ——— *piracanensis*. Katzer, F. 1640.
 ——— *sarecznyi*. Gürich, G. 1576.

SPIRIFERINA [Brachiopoda].

- *balienais*. Enderle, J. 1508.
 ——— *megarrhyncha*. Bittner, A. 1378.
 ——— *meridionalis*. Bittner, A. 1378.
 ——— *microglossa*. Bittner, A. 1378.
 ——— *osmana*. Bittner, A. 1378.
 ——— *solitaria*. Bittner, A. 1378.
 ——— *turcica*. Bittner, A. 1378.

SPIRIGERA [Brachiopoda].

- *matutina*. Bittner, A. 1378.
 ——— *biplicatula*. Bittner, A. 1378.
 ——— *bukowskii*. Bittner, A. 1378.
 ——— *canaliculata*. Bittner, A. 1378.
 ——— *cornutula*. Bittner, A. 1378.
 ——— *kiitlii*. Bittner, A. 1378.

STENOPORA [Bryozoa].

- *distans*. Condra, G. E. 1454.
 ——— *heteropora*. Condra, G. E. 1454.
 ——— *polyspinosa* (Provisional). Condra, G. E. 1454.

- Stolzenburgiella** n. subgen. [Brachiopoda]. Bittner, A. 1378.
 ——— *bukowskii*. Bittner, A. 1378.

STROPHEODOKTA [Brachiopoda].

- *alata*. Chapman, F. 1430.
 ——— *lilydalsensis*. Chapman, F. 1430.

STROPHONELLA [Brachiopoda].

- *euglyphoides*. Chapman, F. 1430.

TEREBRATIA [Brachiopoda].

- *smithi*. Arnold, R. 1342.

TEREBRATULA [Brachiopoda].

- *bukowskii*. Bittner, A. 1378.
 ——— *cuccensis*. Bittner, A. 1378.
 ——— *hoeferi*. Oppenheim, P. 1762.
 ——— *kiitlii*. Bittner, A. 1378.
 ——— *krafti*. Bittner, A. 1378.
 ——— *praecox*. Bittner, A. 1378.
 ——— *suspecta*. Bittner, A. 1378.

THAMNISCUS [Bryozoa].

- *palmatus* (Provisional). Condra, G. E. 1454.
 ——— *pinnatus*. Condra, G. E. 1454.

THECOSPIRA [Brachiopoda].

- *textilis*. Bittner, A. 1378.

WALDHEIMIA [Brachiopoda].

- *planocovera*. Bittner, A. 1378.

2231 MOLLUSCA.

AOLISINA [Gastropoda].

- *barnetti*. Kindle, E. M. 1651.
 ——— *barnetti* var. *elongata* n. var. Kindle, E. M. 1651.

ADELOPOMA [Gastropoda].

- *martensi*. Andreae, A. 1326.

AGANIDES [Cephalopoda].

- *discoidalis*. Smith, J. P. 1930.
 ——— *gürichi*. Frech, F. 1543.
 ——— *praecursor*. Frech, F. 1543.

AGATHICERAS [Cephalopoda].

- *ciscoense*. Smith, J. P. 1930.

ALIGENA [Pelecypoda].

- *cerriensis*. Arnold, R. 1342.

AMASTRA [Gastropoda].

- *fossilis*. Baldwin, D. D. 1345.
 ——— *senilis*. Baldwin, D. D. 1345.

AMPHISSA [Gastropoda].

- *ventricosa*. Arnold, R. 1342.

AMPULLOSPIRA [Gastropoda].

- *infraliasica*. Chartron & Cossmann. 1431.

AMUSIUM [Pelecypoda].

- *concentricum*. Hind, W. 1601.

ANATINA [Pelecypoda].

- *austinensis*. Shattuck, G. B. 1906.
 ——— *tezana*. Shattuck, G. B. 1906.

APHYLLITES [Cephalopoda].

- *barroisi*. Frech, F. 1543.

ARCA [Pelecypoda].

- *delicatula*. Casey, T. L. 1427.
 ——— *invidiosa*. Casey, T. L. 1427.
 ——— *tenuistriata*. Remeš, M. 1837.
 ——— *vaughani*. Casey, T. L. 1427.

ARCHAEOZONITES [Gastropoda].

- *conicus*. Andreae, A. 1326.

ARIETITES [Cephalopoda].

- *peregrinus*. Fucini, A. 1547.

ARPADITES [Cephalopoda].

- *cellitoides*. Airaghi, C. 1319.

Arthaberites n. gen. [Cephalopoda].
Diener, C. 1484.

- *alexandrae*. Diener, C. 1484.

ASTARTE [Pelecypoda].

- *branneri*. Arnold, R. 1342.
 ——— *uhligi*. Remeš, M. 1837.

ATAPHRUS [Gastropoda].

- *planilabium*. Chartron & Cossmann. 1431.

ATRACTITES [Cephalopoda].

- *compressus*. Airaghi, C. 1319.
 ——— *marianii*. Airaghi, C. 1319.
 ——— *preveri*. Airaghi, C. 1319.
 ——— *tommasii*. Airaghi, C. 1319.

ATURIA [Cephalopoda].

- *praeziczac*. Oppenheim, P. 1764.

AUCELLA [Pelecypoda].

- *kirghisensis*. Sokolov, D. N. 1932.
 ——— *paradoxi*. Sokolov, D. N. 1932.
 ——— *pavlovi*. Sokolov, D. N. 1932.
 ——— *scythica*. Sokolov, D. N. 1932.

AVICULA [Pelecypoda].

- *valsaldae* n. form. Bistram, A. 1375.

AVICULOPECTEN [Pelecypoda].

- *aerarius*. Bittner, A. 1378.
 ——— *bosniae*. Bittner, A. 1378.
 ——— *carrolli*. Hind, W. 1601.
 ——— *eskdalensis*. Hind, W. 1601.
 ——— *fimbriatus*. Hind, W. 1601.
 ——— *herbichii*. Bittner, A. 1378.
 ——— *inequalis*. Hind, W. 1601.
 ——— *interruptus*. Bittner, A. 1378.

- AVICULOPECTEN [Pelecypoda].
 ——— *katseri*. Bittner, A. 1378.
 ——— *schlosseri*. Bittner, A. 1378.
- AZEKA [Gastropoda].
 ——— *frechi*. Andreas, A. 1326.
- BAOTRITES [Cephalopoda].
 ——— *carbonarius*. Smith, J. P. 1930.
- BAOULITES [Cephalopoda].
 ——— *hochstetteri*. Liebus, A. 1687.
- BARROISICERAS [Cephalopoda].
 ——— *hyatti*. Shattuck, G. B. 1906.
 ——— *texanum*. Shattuck, G. B. 1906.
- BELA [Gastropoda].
 ——— *sanctae-monicae*. Arnold, R. 1342.
- BELLEROPHON [Gastropoda].
 ——— *attalicus*. Enderle, J. 1508.
 ——— *shelbiensis*. Clarke, J. M. & Ruedemann, R. 1444.
 ——— *sphaericus*. Walther, K. 2017.
- BELOCERAS [Cephalopoda].
 ——— *praecursor*. Frech, F. 1543.
- Beyrichoceras n. subgen. [Cephalopoda].
 Foord, A. H. 1528.
- BITTNUM [Gastropoda].
 ——— *williamsoni*. Arnold, R. 1342.
- Bittnerites n. subgen. [of *Tirolites*].
 [Cephalopoda]. Kittl, E. 1656.
 ——— *bittneri*. Kittl, E. 1656.
 ——— *malici*. Kittl, E. 1656.
 ——— *telleri*. Kittl, E. 1656.
- BRANOCERAS [Cephalopoda].
 ——— *enniskillenense*. Foord, A. H. 1528.
- CALISTA [Pelecypoda].
 ——— *subdiaphana* var. *pedroana*
 n. var. Arnold, R. 1342.

- CALLONEMA [Gastropoda].
 ——— *conus*. Kindle, E. M. 1651.
- CAMPELOMA [Gastropoda].
 ——— *harloutonensis*. Stanton, T. W. 1938.
- CAPULUS [Gastropoda].
 ——— *caseensis*. Kindle, E. M. 1651.
- CARDIOLA [Pelecypoda].
 ——— *pectinata*. Walther, K. 2017.
- CARDITA [Pelecypoda].
 ——— *aldrichi*. Casey, T. L. 1427.
 ——— *exerescens*. Pritchard, G. B. 1818.
 ——— *katseri*. Oppenheim, P. 1762.
- CARDIUM [Pelecypoda].
 ——— *dabricense*. Oppenheim, P. 1762.
 ——— (*Granocardium*) *budaense*.
 Shattuck, G. B. 1906.
 ——— *haeringense*. Dreger, J. 1496.
 ——— ? *illyricum*. Oppenheim, P. 1762.
 ——— (*Protocardia*) *vaughani*.
 Shattuck, G. B. 1906.
- CARYOHUM [Gastropoda].
 ——— *fischeri*. Boettger, O. 1385.
- CERATITES [Cephalopoda].
 ——— *paronai*. Airaghi, C. 1319.
 ——— *prior*. Kittl, E. 1656.
- CERITHIELLA [Gastropoda].
 ——— *velschi*. Chartron & Cossmann. 1431.
- CERITHIUM [Gastropoda].
 ——— *boenicum*. Oppenheim, P. 1762.
 ——— *coracinum*. Oppenheim, P. 1762.
 ——— *delphinus*. Oppenheim, P. 1762.
 ——— *imperiale*. Oppenheim, P. 1762.

CERITHIUM [Gastropoda].

- *katzeri*. Oppenheim, P. 1762.
 ——— *kittlii*. Oppenheim, P. 1762.
 ——— *loparense*. Oppenheim, P. 1762.
 ——— *lukovicense*. Oppenheim, P. 1762.
 ——— *maccus*. Oppenheim, P. 1762.
 ——— *plaga*. Oppenheim, P. 1762.
 ——— *pontificale*. Oppenheim, P. 1762.
 ——— *praebidentatum*. Oppenheim, P. 1762.
 ——— *subfunatum*. Oppenheim, P. 1762.
 ——— *subtiara*. Oppenheim, P. 1762.
 ——— *tapeti*. Oppenheim, P. 1762.
 ——— ? *texanum*. Shattuck, G. B. 1906.

CHAMA [Pelecypoda].

- *bosniaca*. Oppenheim, P. 1762.
 ——— *minima*. Remeš, M. 1837.
 ——— *tuzlana*. Oppenheim, P. 1762.

Chartronia n. gen. [Gastropoda].
Chartron & Cossmann. 1431.

- *digoniata*. Chartron & Cossmann. 1431.

CHIONE [Pelecypoda].

- *cognata*. Pritchard, G. B. 1818.
 ——— *etheridgei*. Pritchard, G. B. 1818.

Clarata n. subgen. [of *Pseudo-monotis*].
[Pelecypoda.]. Bittner, A. 1377.

CLAVILITHES [Gastropoda].

- *chamberlaini*. Johnson, C. W. & Grabau, A. W. 1631.

CLYMENIA [Cephalopoda].

- *aegoceras*. Fr. ch, F. 1543.
 ——— *intracostata*. Frech, F. 1543.
 ——— *wysogorskii*. Frech, F. 1543.

Cochlespirella n. gen. [Gastropoda].
Casey, T. L. 1427.

COELIDIUM [Gastropoda].

- n. nom. Clarke, J. M. & Ruedemann, R. 1444.

CELOSTYLLINA [Gastropoda].

- *chartroni*. Chartron & Cossmann. 1431.
 ——— *elator*. Chartron & Cossmann. 1431.
 ——— *mammillata*. Chartron & Cossmann. 1431.
 ——— *mesaliaeformis*. Chartron & Cossmann. 1431.
 ——— *paludinoidea*. Chartron & Cossmann. 1431.

COLUMBELLA [Gastropoda].

- *minima*. Arnold, R. 1342.
 ——— *oldroydi*. Arnold, R. 1342.
 ——— *solidula* var. *praecursor* n. var. Arnold, R. 1342.

CONULARIA.

- *fimbriata*. Walther, K. 2017.

CONUS [Gastropoda].

- *scopularis*. Casey, T. L. 1427.

CORBULA [Pelecypoda].

- *laqueata*. Casey, T. L. 1427.
 ——— *muschketowci*. Böhm, J. 1852.

CORYNA [Gastropoda].

- *oppoliensis*. Andreae, A. 1326.

CRASSATELLA [Pelecypoda].

- *kalitensis*. Oppenheim, P. 1762.

CRASSATELLITES [Pelecypoda].

- *camurus*. Pritchard, G. B. 1818.
 — *kingicoides*. Pritchard, G. B. 1818.
 — *maudensis*. Pritchard, G. B. 1818.

CTENOSTREON [Pelecypoda].

- ? *ponti*. Broili, F. 1398.

CYLINDROBULLINA [Gastropoda].

- *bulloides*. Chartron & Cossmann. 1431.
 — *peracuta*. Chartron & Cossmann. 1431.

CYRENA [Pelecypoda].

- *quadrangularis*. Oppenheim, P. 1762.

CYRTOCERAS [Cephalopoda].

- *bovinum*. Clarke, J. M. & Ruedemann, R. 1444.
 — *expansum*. Kindle, C. M. 1651.

CYRTORHIZOCERAS [Cephalopoda].

- *curticameratum*. Clarke, J. M. & Ruedemann, R. 1444.

CYTHAREA [Pelecypoda].

- *dabricsensis*. Oppenheim, P. 1762.
 — *hilarionis*. Oppenheim, P. 1762.
 — *orientalis*. Oppenheim, P. 1762.
 — *rhomboidea*. Oppenheim, P. 1762.

Dalmatites n. gen. [Cephalopoda].

- Kittl, E. 1656.

- *morlaccus*. Kittl, E. 1656.

DELPHINOIDEA [Gastropoda].

- *coronadoensis*. Arnold, R. 1342.

DENTALIUM [Scaphopoda].

- *opaculum*. Casey, T. L. 1427.
 — *polygonum*. Casey, T. L. 1427.

DENTALIUM [Scaphopoda].

- *strenuum*. Casey, T. L. 1427.
 — *zephyrinum*. Casey, T. L. 1427.

DESMOCERAS [Cephalopoda].

- *jonesi*. Gregory, J. W. & Smith, F. V. 1575.

DIAURORA [Pelecypoda].

- n. nom. Cockerell, T. D. A. 1450.

DIMYOPHIS [Pelecypoda].

- *emmerichi* n. nom. Bistram, A. 1375.

DIMORPHOCERAS [Cephalopoda].

- *texanum*. Smith, J. P. 1930.

DINARITES [Cephalopoda].

- *angulatus*. Kittl, E. 1656.
 — *biangulatus*. Kittl, E. 1656.
 — *dezzoanus*. Tommasi, A. 1972.
 — *dioeletiani*. Kittl, E. 1656.
 — *evolutior*. Kittl, E. 1656.
 — *laevis*. Tommasi, A. 1972.
 — *multicostatus*. Kittl, E. 1656.
 — *progressus*. Kittl, E. 1656.
 — *tiroloides*. Kittl, E. 1656.

DRILLIA [Gastropoda].

- *harmonica*. Casey, T. L. 1427.
 — *johnsoni*. Arnold, R. 1342.
 — *merriami*. Arnold, R. 1342.
 — *renaudi*. Arnold, R. 1342.

EDMONDIA [Pelecypoda].

- *bittneri*. Enderle, J. 1508.

Endianaulax n. subgen. [Gastropoda].

- Chartron & Cossmann. 1431.
 — *planicallosum*. Chartron & Cossmann. 1431.

Endiataenia n. gen. [Gastropoda].
Chartron & Cossmann.
1431.

—— *terquemi*. Chartron &
Cossmann. 1431.

Eosinica n. subgen. (of *Umbraculum*).
Aldrich, T. H. 1321.

Eotomaria [Gastropoda].

—— *areyi*. Clarke, J. M. &
Ruedemann, R. 1444.

—— *kayseri*. Clarke, J. M. &
Ruedemann, R. 1444.

Epitornoceras n. subgen. [of *Tornoceras*] §
[Cephalopoda]. Frech, F.
1543.

—— *irideum*. § Frech, F. 1543.

Eucyclus [Gastropoda].

—— *tectiformis*. Chartron &
Cossmann. 1431.

Eulima [Gastropoda].

—— *wanneri*. Oppenheim, P.
1764.

Eumorphotis n. subgen. [of *Pseudo-*
monotis]. [Pelecypoda].
Bittner, A. 1377.

Euomphalus [Gastropoda].

—— *fairchildi*. Clarke, J. M.
& Ruedemann, R. 1444.

—— (*Straparollus*) *exiguus*. Kindle,
E. M. 1651.

Eupleura [Gastropoda].

—— *muriciformis* var. *curta* n.
var. Arnold, R. 1342.

Exelissa [Gastropoda].

—— *infralesica*. Chartron &
Cossman. 1431.

Exogyra [Pelecypoda].

—— *clarki*. Shattuck, G. B.
1906.

—— *reissi*. Paulcke, W. 1781.

Figulus [Gastropoda].

—— *caviceps*. Chartron & Coss-
mann. 1431.

Fusus [Gastropoda].

—— *erbreichi*. Oppenheim, P.
1762.

—— *texanus*. Shattuck, G. B.
1906.

Gastrioceras [Cephalopoda].

—— *circumnodosum*. Foord,
A. H. 1528.

—— *circumplicatile*. Foord, A. H.
1528.

—— *uelleri*. Smith, J. P. 1930.

Gastrochaena [Pelecypoda].

—— *striatula*. Aldrich, T. H.
1321.

Gervillea [Pelecypoda].

—— *dantzi*. Menzel, H. 1724.

Glycimeris [Pelecypoda].

—— *haeringensis*. Dreger, J.
1456.

—— *halli*. Pritchard, G. B.
1818.

—— *halli* var. *intermedius* n. var.
Pritchard, G. B. 1818.

—— *halli* var. *paucicostatus* n.
var. Pritchard, G. B.
1818.

Glythioceras [Cephalopoda].

—— *crassum*. Foord, A. H.
1528.

—— *difficile*. Foord, A. H. 1528.

—— *obesum*. Foord, A. H. 1528.

—— *occidentale*. Foord, A. H.
1528.

—— *pulchellum*. Foord, A. H.
1528.

—— *subquadratum*. Foord, A. H.
1528.

—— *subreticulatum*. Foord, A. H.
1528.

—— *subtruncatum*. Foord, A. H.
1528.

Goniatites [Cephalopoda].

—— *delphiensis*. Kindle, E. M.
1651.

—— *neurosi*. Smith, J. P. 1930.

—— *crabashensis*. Kindle, E. M.
1651.

GONIOBASIS [Gastropoda].

——— ? *ortmanni*. Stanton, T. W. 1938.

——— ? *silberlingi*. Stanton, T. W. 1938.

GONIOOLYMENIA [Cephalopoda].

——— *uhligi*. Frech, F. 1543.

GONIOLOBOCERAS [Cephalopoda].

——— *uelleri*. Smith, J. P. 1930.

GREYPHAEA [Pelecypoda].

——— *romanowskii* n. nom. Böhm, J. 1852.

GYMNITES [Cephalopoda].

——— *mojsisovicsi*. Diener, C. 1484.

Gyralina n. subgen. [Gastropoda].
Andreae, A. 1326.

GYRO CERAS [Cephalopoda].

——— *farcimen*. Clarke, J. M. & Ruedemann, R. 1444.

——— *indianense*. Kindle, E. M. 1651.

HIPPURITES [Pelecypoda].

——— *styriacus*. Hilber, V. 1600.

Hololobus n. subgen. [of *Tirolites*]
[Cephalopoda]. Kittl, E. 1656.

——— *monoptychus*. Kittl, E. 1656.

HOMONYA [Pelecypoda].

——— *austriensis*. Shattuck, G. B. 1906.

——— *vulgaris*. Shattuck, G. B. 1906.

HORMOTOMA [Gastropoda].

——— *whiteavesi*. Clarke, J. M. & Ruedemann, R. 1444.

HYALINIA [Gastropoda].

——— *matziaca*. Boettger, O. 1385.

——— *miocaenica*. Andreae, A. 1326.

——— *procrystallina*. Andreae, A. 1326.

——— *roemeri*. Andreae, A. 1326.

HYOLITHES [Gastropoda].

——— *leptus*. Chapman, F. 1429.

INOCERAMUS [Pelecypoda].

——— *crassus*. Petrascheck, W. 1793.

——— *hercynicus*. Petrascheck, W. 1793.

——— *laubei*. Liebus, A. 1687.

——— *saxonicus*. Petrascheck, W. 1793.

ISOARCA [Pelecypoda].

——— *boehmi*. Remeš, M. 1837.

JOANNITES [Cephalopoda].

——— *proavus*. Diener, C. 1484.

KYMATITAS [Cephalopoda].

——— *svilajanus*. Kittl, E. 1656.

LAGENA [Gastropoda].

——— ? *antarctica*. Weller, S. 2023.

LEDA [Pelecypoda].

——— *futtereri*. Böhm, J. 1852.

——— *minuta* var. *praecursor* n.
var. Arnold, R. 1342.

LEUCOCCHILUS [Gastropoda].

——— *ferdinandi*. Andreae, A. 1326.

LIMA [Pelecypoda].

——— *haeringensis*. Dreger, J. 1496.

——— *mittereri*. Dreger, J. 1496.

——— *quadrangularis*. Remeš, M. 1837.

——— *sculpturata*. Remeš, M. 1837.

——— *shumardi*. Shattuck, G. B. 1906.

LIMATULA [Pelecypoda].

——— *scotica*. Hind, W. 1601.

LIMEA [Pelecypoda].

——— *delanoëi*. Oppenheim, P. 1764.

LIDNAEA [Gastropoda].

- *amplecta*. Gorjanović-Kramberger, K. [Dra-gutin]. 1559.
- *halavatsi*. Gorjanović-Kramberger, K. [Dra-gutin]. 1559.
- *rugosa*. Gorjanović-Kramberger, Karl. [Dra-gutin]. 1559.
- *undulata*. Gorjanović-Kramberger, K. [Dra-gutin]. 1559.

LITHOPHAGUS [Pelecypoda].

- *latecandatus*. Pritchard, G. B. 1818.

Loparia n. gen. [Pelecypoda].
Oppenheim, P. 1762.

- *katzeri*. Oppenheim, P. 1762.

LUCINA [Pelecypoda].

- *dalmatina*. Oppenheim, P. 1762.
- *gunyoungensis*. Pritchard, G. B. 1818.
- *illyrica*. Oppenheim, P. 1762.
- *pardalina*. Oppenheim, P. 1762.
- *prominensis*. Oppenheim, P. 1762.
- *scopularis*. Casey, T. L. 1427.
- *vicksburgensis*. Casey, T. L. 1427.

LYRIA [Gastropoda].

- *nestor* n. subsp. Casey, T. L. 1427.

MAENECERAS [Cephalopoda].

- *koeneni*. Frech, F. 1543.

MAMMITES [Cephalopoda].

- *binicostatus*. Petrascheck, W. 1792.

MANGILIA [Gastropoda].

- *branneri*. Arnold, R. 1342.
- *hooveri*. Arnold, R. 1342.

MANGILIA [Gastropoda].

- *interfossa* var. *pedroana* n. var. Arnold, R. 1342.
- *oldroydi*. Arnold, R. 1342.
- *painei*. Arnold, R. 1342.
- *strongi*. Arnold, R. 1342.

MARGARITA [Gastropoda].

- *optabilis* var. *knechti* n. var. Arnold, R. 1342.
- *optabilis* var. *nodosa* n. var. Arnold, R. 1342.
- *parcipicta* var. *pedroana* n. var. Arnold, R. 1342.

MATHERIA [Pelecypoda].

- *brevis*. Whiteaves, J. F. 2025.

MEKKOERAS [Cephalopoda].

- *canavarii*. Airaghi, C. 1319.

MELANATRIA [Gastropoda].

- *peneckeii*. Oppenheim, P. 1762.

MELANIA [Gastropoda].

- *majevitzae*. Oppenheim, P. 1762.

MELANOPSIS [Gastropoda].

- *franciscæ*. Brusina, S. 1414.
- *hazayi*. Brusina, S. 1414.
- *sikorai*. Brusina, S. 1414.
- *sikorai* var. *carinata* n. var. Kormos, T. 1666.
- *stanbi*. Brusina, S. 1414.
- *themaki*. Brusina, S. 1414.
- *tóthi*. Brusina, S. 1414.
- *vidovici*. Brusina, S. 1414.

METULA [Gastropoda].

- *fastidiosa*. Casey, T. L. 1427.
- *fragilis*. Casey, T. L. 1427.

- Microdrillia** n. gen. [Gastropoda].
 Casey, T. L. 1427.
- *aldrichiella*. Casey, T. L. 1427.
- *biplicatula*. Casey, T. L. 1427.
- *elongatula*. Casey, T. L. 1427.
- *minutissima*. Casey, T. L. 1427.
- *robustula*. Casey, T. L. 1427.
- *rostratula*. Casey, T. L. 1427.
- *solidula*. Casey, T. L. 1427.
- *tickaburgella*. Casey, T. L. 1427.
- MITROMORPHA** [Gastropoda].
- *intermedia*. Arnold, R. 1342.
- MUNIERICERAS** [Cephalopoda].
- *dreadenae*. Petrascheck, W. 1792.
- MURCHISONIA** [Gastropoda].
- *pergamena*. Enderle, J. 1508.
- *stachei*. Enderle, J. 1508.
- MYSIDIOPTERA** [Pelecypoda].
- *dinarica*. Bittner, A. 1378.
- *cmiliac*. Bittner, A. 1376.
- MYTILARCA** [Pelecypoda].
- *eduliformis*. Clarke, J. M. & Ruedemann, R. 1444.
- MYTILICARDIA** [Pelecypoda].
- *kalimnae*. Pritchard, G. B. 1818.
- MYTILUS** [Pelecypoda].
- *mooraboolensis*. Pritchard, G. B. 1818.
- NASSA** [Gastropoda].
- *ceritensis*. Arnold, R. 1342.
- *versicolor* var. *hooveri* n. var. Arnold, R. 1342.
- NATICA** [Gastropoda].
- *goleana*. Dacqué, E. 1468.
- *schaefhaeulli*. Oppenheim, P. 1762.
- *vitellius*. Oppenheim, P. 1762.
- NATICOPSIS** [Gastropoda].
- *arthaberi*. Enderle, J. 1508.
- NAUTILUS** [Cephalopoda].
- *hilli*. Shattuck, G. B. 1906.
- *tommasii*. Airaghi, C. 1319.
- *linae*. Airaghi, C. 1319.
- NEAERA** [Pelecypoda].
- *egyptiaca*. Oppenheim, P. 1764.
- NERINEA** [Gastropoda].
- *acutecochleata*. Broili, F. 1398.
- NIGIDIUS** [Gastropoda].
- *elongatus*. Chartron & Cossman. 1431.
- NUCULA** [Pelecypoda].
- *haeringensis*. Dreger, J. 1496.
- *hanoverensis*. Kindle, E. 1651.
- NUCULINA** [Pelecypoda].
- *liasina* n. form. Bistram, A. 1375.
- Obliquipecten** n. gen. [Pelecypoda].
- Hind, W. 1601.
- *laevis*. Hind, W. 1601.
- OCINEBRA** [Gastropoda].
- *keepi*. Arnold, R. 1342.
- *lurida* var. *ceritensis* n. var. Arnold, R. 1342.
- ODOSTOMIA** [Gastropoda].
- *diegensis*. Arnold, R. 1342.
- *grammatospira*. Arnold, R. 1342.
- *stearnii*. Arnold, R. 1342.

OLCOSTEPHANUS [Cephalopoda].

- *antarctica*. Weller, S. 2023.

OLEACINA [Gastropoda].

- *fossilis*. Andreae, A. 1326.

OLIVELLA [Gastropoda].

- *affluens*. Casey, T. S. 1427.

ORTHOCERAS [Cephalopoda].

- *trus-tum*. Clarke, J. M. & Ruedemann, R. 1444.

Præsolima n. gen. [Pelecypoda].
Hind, W. 1601.

- *lactis*. Hind, W. 1601.

- *obliquiradiata*. Hind, W. 1601.

PALUDESTRINA [Gastropoda].

- *curta*. Arnold, R. 1342.

- *stokesi*. Arnold, R. 1342.

Paracerithium n. gen. [Gastropoda].
Chartron & Cossmann. 1431.

- *acanthocolpum*. Chartron & Cossmann. 1431.

- *chartroni*. Chartron & Cossmann. 1431.

- *loxocolpum*. Chartron & Cossmann. 1431.

- *moorei*. Chartron & Cossmann. 1431.

PARALEGOCERAS [Cephalopoda].

- *neusomi*. Smith, J. P. 1930.

Paralytoceras n. subgen. [of *Sporadoceras*].
[Cephalopoda].
Frech, F. 1543.

PECTEN [Pelecypoda].

- *aeriphilus*. Bittner, A. 1378.

- *amphidoxus*. Bittner, A. 1378.

- *gemmellaroii*. Remeš, M. 1837.

- *hammeri*. Bittner, A. 1378.

- *jordani*. Arnold, R. 1342.

- *latiauritus* var. *fragilis* n. var. Arnold, R. 1342.

PECTEN [Pelecypoda].

- *mentzeliae*. Bittner, A. 1378.

- *moravicus*. Remeš, M. 1837.

- *mülleri*. Menzel, H. 1724.

- *neusomi*. Arnold, R. 1342.

- *pervulgatus*. Bittner, A. 1378.

- *strambergensis*. Remeš, M. 1837.

- *volaris*. Bittner, A. 1378.

PECTUNCULUS [Pelecypoda].

- *vaughani*. Woods, H. 2036.

PHOLADOMYA [Pelecypoda].

- *roemeri*. Shattuck, G. B. 1906.

PHOS [Gastropoda].

- *falsus*. Casey, T. L. 1427.

- *macilentus*. Casey, T. L. 1427.

PINACOCERAS [Cephalopoda].

- *aspidoides*. Diener, C. 1484.

- *stoppanii*. Airaghi, C. 1319.

PLACUNOPSIS [Pelecypoda].

- *strambergensis*. Remeš, M. 1837.

PLANORBIS [Gastropoda].

- *gürichi*. Andreae, A. 1326.

- *multiformis* var. *kochi* n. var. Kormos, T. 1666.

PLATYCERAS [Gastropoda].

- *arkonenae*. Shimer, H. W. & Grabau, A. W. 1912.

- *blatchleyi*. Kindle, E. M. 1651.

- *dumosum* var. *pileum* n. var. Kindle, E. M. 1651.

- *lineare*. Kindle, E. M. 1651.

- *rictum* var. *spinosa* n. var. Kindle, E. M. 1651.

- *subcirculare*. Kindle, E. M. 1651.

PLEURONAUTILUS [Cephalopoda].

- *marianii*. Airaghi, C. 1319.
 ——— *paronai*. Airaghi, C. 1319.

PLEUROTOMA [Gastropoda].

- *amica*. Casey, T. L. 1427.
 ——— *ancilla*. Casey, T. L. 1427.
 ——— *bartschi*. Arnold, R. 1342.
 ——— *collaris*. Casey, T. L. 1427.
 ——— *cooperi*. Arnold, R. 1342.
 ——— *dalli*. Arnold, R. 1342.
 ——— *evanescens*. Casey, T. L. 1427.
 ——— *handella*. Casey, T. L. 1427.
 ——— *hilgardi*. Casey, T. L. 1427.
 ——— *hooveri*. Arnold, R. 1342.
 ——— *intacta*. Casey, T. L. 1427.
 ——— *nepionica*. Casey, T. L. 1427.
 ——— *oblivia*. Casey, T. L. 1427.
 ——— *pedroana*. Arnold, R. 1342.
 ——— *plutonica*. Casey, T. L. 1427.
 ——— *smithi*. Arnold, R. 1342.
 ——— *vickaburgensis*. Casey, T. L. 1427.

PLEUROTOMARIA [Gastropoda].

- ? *anatolica*. Enderle, J. 1508.
 ——— *bassi*. Pritchard, G. B. 1819.
 ——— *lőczyi*. Schellwien, E. 1366.
 ——— *stantoni*. Shattuck, G. B. 1906.
 ——— *tertiari*. Pritchard, G. B. 1819.
 ——— *thebensis*. Oppenheim, P. 1764.

PLICATULA [Pelecypoda].

- *rotundata*. Remeš, M. 1837.
 ——— *tithonia*. Remeš, M. 1837.

POLEUMITA [Gastropoda].

- n. nom. Clarke, J. M. & Ruedemann, R. 1444.
 ——— *scamnata*. Clarke, J. M. & Ruedemann, R. 1444.

POPANOCERAS [Cephalopoda].

- *ganti*. Smith, J. P. 1930.

POSIDONOMYA [Pelecypoda].

- *bosniaca*. Bittner, A. 1378.

POTERIO CERAS [Cephalopoda].

- *sauridens*. Clarke, J. M. & Ruedemann, R. 1444.

PROARCESTES [Cephalopoda].

- *stampai*. Airaghi, C. 1319.

Procerithium n. gen. [Gastropoda].
Chartron & Cossman. 1431.

- *plocophorum*. Chartron & Cossman. 1431.
 ——— *potamidulum*. Chartron & Cossman. 1431.
 ——— *quinquegranosum*. Chartron & Cossman. 1431.
 ——— *vendaense*. Chartron & Cossman. 1431.

PRODROMITES [Cephalopoda].

- *ornatus*. Smith, J. P. 1930.

PROLECANITES [Cephalopoda].

- *gurleyi*. Smith, J. P. 1930.
 ——— *kiliani*. Frech, F. 1543.
 ——— *lateseptatus*. Frech, F. 1543.

PROMATHILIDIA [Gastropoda].

- *terebialis*. Chartron & Cossman. 1431.
 ——— *terquemi* n. nom. Bistram, A. 1375.

PRONORITES [Cephalopoda].

- *siebethali*. Smith, J. P. 1930.

PROTHYRIS [Pelecypoda].

- *truncata*. Cleland, H. F. 1447.

PROTOPHRAGMOCERAS [Cephalopoda].

- *patronus*. Clarke, J. M. & Ruedemann, R. 1444.

PRUVOTINA [Amphineura].

- n. nom. Cockerell, T. D. A. 1450.

PSAMMOBIA [Pelecypoda].

- *hoeferi*. Oppenheim, P. 1762.

PSEUDAMUSIUM [Pelecypoda].

- *concentrico-lineatum*. Hind, W. 1601.

Pseudarietites n. gen. [Cephalopoda].
Frech, F. 1543.

- *silesiacus*. Frech, F. 1543.

PSEUDOMELANIA [Gastropoda].

- *chartroni*. Chartron & Cossman. 1431.

- *miliacea*. Chartron & Cossman. 1431.

PSEUDOMONOTIS [Pelecypoda].

- *austriaca*. Bittner, A. 1377.

- *benecke*. Bittner, A. 1377.

- *bolgiensis* n. form. Bistram, A. 1375.

- *intermedia*. Bittner, A. 1377.

- *kittlii*. Bittner, A. 1377.

- *lipoldi*. Bittner, A. 1377.

- *stachei*. Bittner, A. 1377.

- *tridentina*. Bittner, A. 1377.

PTYCHITES [Cephalopoda].

- *charlyanus*. Diener, C. 1484.

- *fastigatus*. Diener, C. 1484.

- *marianii*. Airaghi, C. 1319.

- *taramellii*. Airaghi, C. 1319.

RADIOLITES [Pelecypoda].

- *gà ensis*. Dacqué, E. 1468.

SCHISTOOCERAS [Cephalopoda].

- *hyatti*. Smith, J. P. 1930.

SCHLOTHEIMIA [Cephalopoda].

- *neumayri* n. nom. Bistram, A. 1375.

Schuchertites n. gen. [Cephalopoda].
Smith, J. P. 1930.

- *grahami*. Smith, J. P. 1930.

SOBINELLA [Gastropoda].

- *famelica*. Casey, T. L. 1427.

- *macer*. Casey, T. L. 1427.

- *pluriplicata*. Casey, T. L. 1427.

SEMELE [Pelecypoda].

- *pulchra montereyi*. Arnold, R. 1342.

Shumardites n. gen. [Cephalopoda].
Smith, J. P. 1930.

- *simondei*. Smith, J. P. 1930.

SIMPSONELLA [Pelecypoda].

- n. nom. Cockerell, T. D. A. 1450.

Solenomorpha n. gen. [Pelecypoda].
Cockerell, T. D. A. 1449.**SOLENOMYIA** [Pelecypoda].

- *haeringensis*. Dreger, J. 1496.

SOLENOPSIS [Pelecypoda].

- [*Solenomorpha*] *major*. Hind, W. 1603.

Sphenoceras n. subgen. [Cephalopoda].
Foord, A. H. 1528.**SPONDYLUS** [Pelecypoda].

- *redlichi*. Oppenheim, P. 1762.

SPORADOOCERAS [Cephalopoda].

- *pseudosphæricum*. Frech, F. 1543.

Stacheites n. gen. [Cephalopoda]. Kittl, E. 1656.

- *prionoides*. Kittl, E. 1656.

Svilajites n. subgen. [of *Tirolites*] [Cephalopoda]. Kittl, E. 1656.

- *cingulatus*. Kittl, E. 1656.

- *tietzei*. Kittl, E. 1656.

SYNOCOLONEMA [Pelecypoda].

- *carboniferum*. Hind, W. 1601.

TELLINA [Pelecypoda].

- *gümbeli*. Dreger, J. 1496.

- *pilsbryi*. Casey, T. L. 1427.

THRACIA [Pelecypoda].

- *hoernesii*. Oppenheim, P. 1762.
 ——— *prominens*. Oppenheim, P. 1762.

TIROLITES [Cephalopoda].

- *angustilobatus*. Kittl, E. 1656.
 ——— *angustus*. Kittl, E. 1656.
 ——— *bittneri*. Kittl, E. 1656.
 ——— *cingulatus*. Kittl, E. 1656.
 ——— *dimidiatus*. Kittl, E. 1656.
 ——— *distans*. Kittl, E. 1656.
 ——— *heterophanus*. Kittl, E. 1656.
 ——— *hybridus*. Kittl, E. 1656.
 ——— *kernerii*. Kittl, E. 1656.
 ——— *malici*. Kittl, E. 1656.
 ——— *monoptychus*. Kittl, E. 1656.
 ——— *multispinatus*. Kittl, E. 1656.
 ——— *paucispinatus*. Kittl, E. 1656.
 ——— *percostatus*. Kittl, E. 1656.
 ——— *repulsus*. Kittl, E. 1656.
 ——— *robustus*. Kittl, E. 1656.
 ——— *rotiformis*. Kittl, E. 1656.
 ——— *serratelobatus*. Kittl, E. 1656.
 ——— *spiniosior*. Kittl, E. 1656.
 ——— *stachei*. Kittl, E. 1656.
 ——— *subillyricus*. Kittl, E. 1656.
 ——— *telleri*. Kittl, E. 1656.
 ——— *tietzei*. Kittl, E. 1656.
 ——— *toulai*. Kittl, E. 1656.
 ——— *undulatus*. Kittl, E. 1656.

TORNOCERAS [Cephalopoda].

- *acutum*. Frech, F. 1543.
 ——— *bertrandi*. § Frech, F. 1543.
 ——— (*Epitornoceras*) *irideum*. § Frech, F. 1543.
 ——— *haugi*. Frech, F. 1543.

TORNOCERAS [Cephalopoda].

- *holzapfeli*. Frech, F. 1543.
 ——— *loeschmanni*. Frech, F. 1543.
 ——— *verae*. Frech, F. 1543.

TRIGONIA [Pelecypoda].

- *acuta*. Kitchin, F. L. 1654.
 ——— *brevicostata*. Kitchin, F. L. 1654.
 ——— *cardiniiformis*. Kitchin, F. L. 1654.
 ——— *chariensis*. Kitchin, F. L. 1654.
 ——— *crassa*. Kitchin, F. L. 1654.
 ——— *crenulata* var. *peruana* n. var. Paulcke, W. 1781.
 ——— *dhosaensis*. Kitchin, F. L. 1654.
 ——— *distincta*. Kitchin, F. L. 1654.
 ——— *dubia*. Kitchin, F. L. 1654.
 ——— *exortiva*. Kitchin, F. L. 1654.
 ——— *gracilis*. Kitchin, F. L. 1654.
 ——— *hispidula*. Kitchin, F. L. 1654.
 ——— *jumarensis*. Kitchin, F. L. 1654.
 ——— *macillata*. Kitchin, F. L. 1654.
 ——— *molengraaffi*. Newton, R. B. 1746.
 ——— *nepos*. Paulcke, W. 1781.
 ——— *nitida*. Kitchin, F. L. 1654.
 ——— *parva*. Kitchin, F. L. 1654.
 ——— *progonos*. Paulcke, W. 1781.
 ——— *propinqua*. Kitchin, F. L. 1654.
 ——— *prora*. Kitchin, F. L. 1654.
 ——— *pulchra*. Kitchin, F. L. 1654.
 ——— *recurra*. Kitchin, F. L. 1654.

TRIGONIA [Pelecypoda].

- *remota*. Kitchin, F. L. 1954.
- *retroscia*. Kitchin, F. L. 1954.
- *semiundulata* var. *granosa* n. var. Pritchard, G. B. 1918.
- *semiundulata* var. *lulosa* n. var. Pritchard, G. B. 1918.
- *spissicostata*. Kitchin, F. L. 1954.
- *tenuis*. Kitchin, F. L. 1954.
- *trapeziformis*. Kitchin, F. L. 1954.
- *tumida*. Kitchin, F. L. 1954.
- *v-scripta*. Kitchin, F. L. 1954.

TROCHUS [Gastropoda].

- *dabricsensis*. Oppenheim, P. 1962.

TROPION [Gastropoda].

- *ceritensis*. Arnold, R. 1942.
- *pedroana*. Arnold, R. 1942.
- *stuarti* var. *praecursor* n. var. Arnold, R. 1942.

TURBONILLA [Gastropoda].

- *adleri*. Arnold, R. 1942.
- *arnoldi*. Arnold, R. 1942.
- *auricoma*. Arnold, R. 1942.
- *latifundia*. Arnold, R. 1942.
- *louei*. Arnold, R. 1942.
- *louei* var. *pedroana* n. var. Arnold, R. 1942.
- *pentalopha*. Arnold, R. 1942.
- *risso* n. nom. Arnold, R. 1942.
- *stearnsii*. Arnold, R. 1942.

TURBITELLA [Gastropoda].

- *budaensis*. Shattuck, G. B. 1906.
- *prominensis*. Oppenheim, P. 1962.

UMBRACULUM [Gastropoda].

- *elevatum*. Aldrich, T. H. 1921.

UNIO [Pelecypoda].

- *aesopiiformis*. Whitfield, R. P. 2026.
- *brocni*. Whitfield, R. P. 2026.
- *douglassi*. Stanton, T. W. 1938.
- *farri*. Stanton, T. W. 1938.
- *percorrugata*. Whitfield, R. P. 2026.
- *postbiplicata*. Whitfield, R. P. 2026.
- *retusoides*. Whitfield, R. P. 2026.
- *verrucosiformis*. Whitfield, R. P. 2026.

VALENCIENNESIA [Gastropoda].

- *alta*. Gorjanović - Kramberger, K. [Dragutin]. 1959.
- *arthaberi*. Gorjanović - Kramberger, K. [Dragutin]. 1959.
- *intermedia*. Gorjanović - Kramberger, K. [Dragutin]. 1959.
- *kiseljaki*. Gorjanović - Kramberger, K. [Dragutin]. 1959.
- *langhofferi*. Gorjanović - Kramberger, K. [Dragutin]. 1959.
- *limnaeoides*. Gorjanović - Kramberger, K. [Dragutin]. 1959.
- *schafarziki*. Gorjanović - Kramberger, K. [Dragutin]. 1959.

VENERICARDIA [Pelecypoda].

- *vicksburgensis*. Casey, T. L. 1927.

VENUS [Pelecypoda].

- *prior*. Oppenheim, P. 1962.

VIVIPARUS [Gastropoda].

- *montanaensis*. Stanton, T. W. 1938.

VULSELLA [Pelecypoda].

———— *moravica*. Remeš, M. 1837.

WAAGENOCERAS [Cephalopoda].

———— *hilli*. Smith, J. P. 1930.

XENODISCUS [Cephalopoda].

———— *tanguticus*. Schellwien, E.
1865. 1866.

2431 ARTHROPODA.

CHELIPHLEBIA [Neuropteroidea].

———— *extensa*. Melander, A. L.
1722.

DICTIONEURA [Orthopteroidea].

———— *clarinervis*. Melander, A. L.
1722.

DIECONEURA [Neuropteroidea].

———— *maxima*. Melander, A. L.
1722.

EUCAENUS [Neuropteroidea].

———— *attenuatus*. Melander, A. L.
1722.

———— *masonus*. Melander, A. L.
1722.

Megablattina n. gen. [Orthopteroidea].
Sellards, E. H. 1897.

———— *becheri*. Sellards, E. H.
1897.

Petromartus n. gen. [Neuropteroidea].
Melander, A. L. 1722.

———— *indistinctus*. Melander,
A. L. 1722.

Protodictyon n. gen. [Neuropteroidea].
Melander, A. L. 1722.

———— *pulchripenne*. Melander,
A. L. 1722.

2631 CRUSTACEA.

Andorina n. gen. [Malacostraca].
Lörenthey, E. 1691.

———— *elegans*. Lörenthey, E.
1691.

BETRICHIA [Ostracoda].

———— *kilmoriensis*. Chapman,
1429.

———— *ligatura*. Chapman, 1429.

———— *longibranchiatus*. Chapman,
F. 1429.

———— *maccoyiana* var. *australiae*
n. var. Chapman, F.
1429.

———— *wooriyallockensis*. Chapman,
F. 1429.

BYTHOOTHERE [Ostracoda].

———— *laevigata*. Egger, J. G.
1504.

CARTOCARIS [Phyllocarida].

———— *angusta*. Chapman, F.
1429.

CERATIOCARIS [Phyllocarida].

———— (Limnocaris) *praece-*
Clarke, J. M. 1442.

COELOMA [Decapoda].

———— *bicarinatum*. Ravn, J. P. J.
1823.

CYTHERE [Ostracoda].

———— *lineopunctata*. Egger, J. G.
1504.

———— *signata*. Egger, J. G.
1504.

———— *spinea*. Egger, J. G. 1504.

———— *sulcifera*. Egger, J. G.
1504.

Darányia n. gen. [Malacostraca].
Lörenthey, E. 1691.

———— *granulata*. Lörenthey, E.
1691.

EMMELEZOE [Phyllocarida].

———— *decora*. Clarke, J. M.
1442.

ESTHERIA [Phyllocarida].

———— *ortoni*. Clarke, J. M.
1442.

EUOYTHERE [Ostracoda].

———— *lienenklausi*. Egger, J. G.
1504.

GLYPHAEA [Decapoda].

———— *stokesi*. Weller, S. 2023.

HOPLOPARIA [Decapoda].

- *groenlandica*. Ravn, J. P.
J. 1823.

KRITHI [Ostracoda].

- *alveus*. Egger, J. G.
1504.
——— *proclonga*. Egger, J. G.
1504.
——— *radiolata*. Egger, J. G.
1504.

LOXOCOONCHA [Ostracoda].

- *serrulata*. Egger, J. G.
1504.

Palaeocomunida n. gen. [Malacostraca].
Lörenthey. 1690.

- *defecta*. Lörenthey. 1690.

Palaeosphaeroma n. gen. [Edriophthalma].
Remeš, M. 1137.**PHLYOTENODES** [Malacostraca].

- *steinmanni*. Lörenthey.
1690.

PONTOCYPRIS [Ostracoda].

- *caudata*. Egger, J. G.
1540.
——— *ursulae*. Egger, J. G.
1503.

PSEUDOOTHERE [Ostracoda].

- *spinosa*. Egger, J. G.
1504.

RANINA [Malacostraca].

- *bittneri*. Lörenthey. 1690.

Rhinopterocaris n. gen. [Phyllocarida].

- Chapman, F. 1429.
——— *maccayi*. Chapman, F.
1429.

Ribbedrella n. gen. Schubert, R. J. &
Waagen, L. 1881.**RIBEIRIA**.

- *apusoides*. Schubert, R. J. &
Waagen, L. 1881.
——— *inflata*. Schubert, R. J. &
Waggen, L. 1881.

SACCOCARIS [Phyllocarida].

- *tetragona*. Chapman, F.
1429.

SPHAEROMA [Edriophthalma].

- *strambergenae*. Remeš, M.
1837.

Telphusograpsus n. gen. [Malacostraca].
Lörenthey. 1690.

- *laevis*. Lörenthey. 1690.

ZANTHOPSIS [Decapoda].

- *cretacea*. Branner, J. C.
1397.

**2831 XIPHOSURA, EURIPTERIDA,
TRILOBITA.****ACIDASPIS** [Trilobita].

- *whitfieldi*. Hitchcock, C. H.
1606.

AGNOSTUS [Trilobita].

- *elkedaensis*. Etheridge, R.
1517.
——— *girtanensis*. Reed, F. R. C.
1829.

AMPYX [Trilobita].

- *drummochensis*. Reed,
F. R. C. 1829.

ASAPHUS [Trilobita].

- *instabilis*. Reed, F. R. C.
1829.

DIONIDE [Trilobita].

- *richardsoni*. Reed, F. R. C.
1829.

GRIFFITHIDES [Trilobita].

- *tapajotensis*. Katzer, F.
1640.

MICRODISCUS [Trilobita].

- *significans*. Etheridge, R.
1517.

Notasaphus n. gen. [Trilobita].
Gregory, J. W. 1572.

- *fergusoni*. Gregory, J. W.
1572.

PSEUDONISCUS [Xiphosura].

- *roosevelti*. Clarke, J. M.
1442.

REMOPLEURIDES [Trilobita].

- *bicornis*. Reed, F. R. C. 1829.
 ——— *correctus*. Reed, F. R. C. 1829.
 ——— *salleri* var. *girvanensis* n. var. Reed, F. R. C. 1829.

SCHUMARDIA [Trilobita].

- *scotica*. Reed, F. R. C. 1829.

TERATORHYNCHUS n. subgen. [Trilobita].
Reed, F. R. C. 1829.

TRINUCLEUS [Trilobita].

- *subradiatus*. Reed, F. R. C. 1829.

3031 ARACHNIDA.

ANTHRACOSIRO n. g. [Anthracomarti].

- *woodwardi*. Pocock, R. I. 1804.
 ——— *fritschii* n. sp. Pocock, R. I. 1805.

HADRACHNE n. gen. [Anthracomarti].
Melander, A. L. 1722.

- *horribilis*. Melander, A. L. 1722.

KUSTARACHNE [Anthracomarti].

- *exstincta*. Melander, A. L. 1722.
 ——— *sulcata*. Melander, A. L. 1722.

5431 PISCES.

ACROGNATHUS [Actinopterygii].

- *dodgei*. Hay, O. P. 1591.

ACROLEPIS [Actinopterygii].

- *molymneuxi*. Woodward, A. Smith. 2046.

AIPICHTHYS [Actinopterygii].

- *formosus*. Hay, O. P. 1591.

ANGUILLAVUS n. gen. [Actinopterygii].
Hay, O. P. 1591.

- *bathshebae*. Hay, O. P. 1591.
 ——— *quadripinnis*. Hay, O. P. 1591.

COCOCDUS [Actinopterygii].

- *insignis*. Hay, O. P. 1591.

COCOSTEUS [Arthrodira].

- *angustus*. Traquair, R. H. 1982.

CTENOTHRISSA [Actinopterygii].

- *signifer*. Hay, O. P. 1591.

DERCETIS [Actinopterygii].

- *latiscutatus*. Woodward, A. S. 2041.
 ——— *maximus*. Woodward, A. S. 2041.

ENCHELLION n. gen. [Actinopterygii].
Hay, O. P. 1591.

- *montium*. Hay, O. P. 1591.

ENCHODUS [Actinopterygii].

- *sacrus*. Hay, O. P. 1590.

EUBLODECTES n. gen. [Actinopterygii].
Hay, O. P. 1591.

GEMÜNDINA n. gen. Traquair, R. H. 1982.

- *stürzi* n. sp. Traquair, R. H. 1982.

GINGLYMOSTOMA [Selachii].

- *blanckenhorni*. Stromer, E. 1958.

HELLOOPIRON n. gen. Van de Wiele, C. 1997.

LEPTOTRACHELUS [Actinopterygii].

- *serpentinus*. Hay, O. P. 1591.

LISTRACANTHUS [Ichthyodorulites].

- *wardi*. Woodward, A. S. 2038.

MICROCOELIA [Actinopterygii].

- *dayi*. Hay, O. P. 1591.

OSMEROIDES [Actinopterygii].

- *ornatus*. Hay, O. P. 1591.
 ——— *pontivagus*. Hay, O. P. 1591.

PHLYCTAENASPIS [Arthrodira].

- *germanica*. Traquair, R. H. 1982.

PROTOSPHYRAENA [Actinopterygii].

- *sequaz*. Hay, O. P. 1590.

PTYNOSTERINX [Actinopterygii].

- *levispinosus*. Hay, O. P. 1591.

RAJA [Selachii].

- *whitfieldi*. Hay, O. P. 1591.

Ramphodus n. gen. [Holocephali].

Jaekel, O. 1622.

- *tetrodon*. Jaekel, O. 1622.

RHINELLUS [Actinopterygii].

- *delicatus*. Hay, O. P. 1591.

RHINOBATUS [Plagiostomi].

- *eretes*. Hay, O. P. 1591.

SAGENODUS [Sirenoidei].

- *pertenuis*. Eastman, C. R. 1499.

SARDINIUS [Actinopterygii].

- *imbellis*. Hay, O. P. 1590.

SAURICHTHYS [Actinopterygii].

- *latifrons*. Philippi, E., Jaekel, O., Volz, W. & Frech, F. 1798.

- *lepidosteoides*. Philippi, E., Jaekel, O., Volz, W. & Frech, F. 1798.

SCLERORHYNCHUS [Plagiostomi].

- *hiram*. Hay, O. P. 1591.
 ——— *sentus*. Hay, O. P. 1591.
 ——— *solomonis*. Hay, O. P. 1591.

Stenoprotome n. gen. [Actinopterygii].

Hay, O. P. 1591.

- *hamata*. Hay, O. P. 1591.

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URENCHIELYS [Actinopterygii].

- *germanus*. Hay, O. P. 1591.

5631 REPTILIA AND BATRACHIA.**BAPTANODON** [Ichthyosauria].

- *marshi*. Knight, W. C. 1659.

BRACHANCHENIUS [Plesiosauria].

- *lucasi*. Lucas, F. A. 1703.

Brachiosaurus n. gen. [Dinosauria].

Riggs, E. S. 1849.

- *althorax*. Riggs, E. S. 1849.

Castroia n. gen. [Chelonia].

Stefano (De), G. 1944.

- *munieri*. Stefano (De), G. 1944.

CLAOSAURUS [Dinosauria].

- ? *affinis*. Wieland, G. R. 2028.

CLEMMYS [Chelonia].

- *hesperia*. Hay, O. P. 1589.

- *saxea*. Hay, O. P. 1589.

DEUTEROSAURUS [Anomodontia].

- *seeleyi*? n. sp. Nopcsa, F. jun. 1749.

Diceratosaurus n. gen. Jaekel, O. 1623.**DIPLODOCUS** [Dinosauria].

- *carnegii*. Hatcher, J. B. 1581.

EKBAINACANTHUS n. gen. [Stegocephalia].

- *tschernyschewi* n. sp. Gakowlew, N. 1625.

EUCLASTES [Chelonia].

- *kochi*. Lörenthey, I. 1693.

HAPLOCANTHOSAURUS [Dinosauria].

- *utterbaeki*. Hatcher, J. B. 1583.

- Haplocanthus** n. gen. [Dinosauria].
Hatcher, J. B. 1585.
- *priscus*. Hatcher, J. B.
1585.
- Ictidosaurus** n. gen. [Anomodontia].
Broom, R. 1406.
- *angusticeps*. Broom, R.
1406.
- Leptocheirus** n. gen. [Ichthyosauria].
Merriam, J. C. 1726.
- *zitteli*. Merriam, J. C.
1726.
- Lycosuchus** [Anomodontia].
- *mackayi*. Broom, R. 1406.
- Opetiosaurus** n. gen. [Lacertilia].
Kornhuber, A. 1667.
- *buechichi*. Kornhuber, A.
1667. 1668.
- Ornitholestes** n. gen. [Dinosauria].
Osborn, H. F. 1767.
- *hermanni*. Osborn, H. F.
1767.
- Paliguana** n. gen. [Lacertilia]. Broom,
R. 1408.
- *whitei*. Broom, R. 1408.
- Pelomedusa** [Chelonia].
- *pliocaenica*. Reinach, A.
von. 1833.
- *progaleata*. Reinach, A.
von. 1833.
- Podocnemis** [Chelonia].
- *antiqua*. Andrews, C. W.
1328a.
- *blanckenhorni*. Reinach, A.
von. 1833. 1834.
- *fajumensis*. Andrews, C. W.
1328a.
- *stromeri*. Reinach, A. von.
1833. 1834.
- Proneusticosaurus** n. gen. [Saurop-
terygia]. Volz, W. 2011.
- *madelungi*. Volz, W. 2011.
- *silesiacus*. Volz, W. 2011.
- Protesuchus** [Anomodontia].
- *fergusi*. Broom, R. 1407.

- Scyllacosaurus** n. gen. [Anomodontia].
Broom, R. 1406.
- *sclateri*. Broom, R. 1406.
- Scymnosaurus** n. gen. [Anomodontia].
Broom, R. 1406.
- *ferox*. Broom, R. 1406.
- Shastasaurus** [Ichthyopterygia].
- *alexandrae*. Merriam, J. C.
1725.
- *altispinus*. Merriam, J. C.
1725.
- *careyi*. Merriam, J. C.
1725.
- *osmonti*. Merriam, J. C.
1725.
- *perrini*. Merriam, J. C.
1725.
- Stereogents** [Chelonia].
- *eromeri*. Andrews, C. W.
1328a.
- *libyca*. Andrews, C. W.
1328a.
- *podocnemoides*. Reinach, A.
von. 1833. 1834.
- Sternotherus** [Chelonia].
- *dewitzianus*. Reinach, A.
von. 1833. 1834.
- Stylemys** [Chelonia].
- *bottii*. Stefano (De), G.
1941.
- *calaverensis*. Sinclair, W. J.
1923.
- Titanosuchus** [Anomodontia].
- *cloetei*. Broom, R. 1404.
- Toretocnemus** n. gen. [Ichthyosauria].
Merriam, J. C.
- *californicus*. Merriam, J. C.
1726.
- Trionyx** [Chelonia].
- *clavatomarginatus*. Lören-
they, J. 1693.
- *pliocaenicus*. Reinach, A.
von. 1833. 1834.
- *zeckenbergianus*. Reinach,
A. von. 1833. 1834.

ZATRACHYS [Stegocephalia].

——— *crucifer.* Case, E. C. 1426.

5831 AVES.

Mancilla n. gen. [Alcae]. Lucas, F. A. 1704.

——— *californiensis.* Lucas, F. A. 1704.

6031 MAMMALIA.**ACERATHERIUM** [Ungulata].

——— *bavaricum.* Stromer von Reichenbach, E. 1930.

AGRIOCHOERUS [Ungulata].

——— *maximus.* Douglass, E. 1488.

——— *minimus.* Douglass, E. 1488.

ALCICEPHALUS [Ungulata].

——— *sinensis.* Schlosser, M. 1863.

ANCHITHERIUM [Ungulata].

——— *zitteli.* Schlosser, M. 1869.

Apternodus n. gen. [Insectivora]. Matthew, W. D. 1719.

——— *mediaetus.* Matthew, W. D. 1719.

Arctotherium n. gen. [Rodentia]. Douglass, E. 1488.

——— *aeridens.* Douglass, E. 1488.

Bathygenys n. gen. [Ungulata]. Douglass, E. 1488.

——— *alpha.* Douglass, E. 1488.

BUNAEOLURUS [Carnivora].

——— *infelix.* Matthew, W. D. 1719.

Cervavus n. gen. [Ungulata]. Schlosser, M. 1869.

——— *ruimeyeri.* Schlosser, M. 1869.

——— *speciosus.* Schlosser, M. 1869.

COLODON [Ungulata].

——— *cinjulatus.* Douglass, E. 1488.

Cylindrodon n. gen. [Rodentia]. Douglass, E. 1488.

——— *fontia.* Douglass, E. 1488.

CYNODICTIS [Carnivora].

——— *paterculus.* Matthew, W. D. 1719.

DIPOIDES [Rodentia].

——— *majori.* Schlosser, M. 1869.

DRYOPITHECUS [Primates].

——— *darwini.* Abel, O. 1314.

ELEPHAS [Ungulata].

——— *cypriotes.* Bate, D. M. A. 1351.

EUCINEPELTUS [Edentata].

——— *complicatus.* Brown, B. 1411.

EUCROTAPHUS [Ungulata].

——— *helenae.* Douglass, E. 1488.

EUMYS [Rodentia].

——— *minor.* Douglass, E. 1488.

GAZELLA [Ungulata].

——— *altidens.* Schlosser, M. 1869.

——— *dorcadoides.* Schlosser, M. 1869.

——— *palaeosinensis.* Schlosser, M. 1869.

GENETTA [Carnivora].

——— *pleisictoides.* Bate, D. M. A. 1352.

Glyptotherium n. gen. [Edentata]. Osborn, H. F. 1768.

——— *texanum.* Osborn, H. F. 1768.

Griphopithecus n. gen. [Primates]. Abel, O. 1314.

——— *suesei.* Abel, O. 1314.

HYAENA [Carnivora].

——— *gigantea.* Schlosser, M. 1869.

HYAENODON [Carnivora].

- *minutus*. Douglass, E. 1488.
 ——— *montanus*. Douglass, E. 1488.

Hyaenognathus n. gen. [Carnivora].
Merriam, J. C. 1727.

- ? *dubius*. Merriam, J. C. 1727.
 ——— *pachyodon*. Merriam, J. C. 1727.

HYPOGEOMIS [Rodentia].

- *australis*. Grandidier, G. 1569.

ICOTOPS [Insectivora].

- *acutidens*. Douglass, E. 1488.
 ——— *thomsoni*. Matthew, W. D. 1719.

ISCHYROMYS [Rodentia].

- *veterior*. Matthew, W. D. 1719.

LEPTOTRAGULUS [Ungulata].

- *profectus*. Matthew, W. D. 1719.

Limnenotes n. gen. [Ungulata].
Douglass, E. 1488.

- ? *anceps*. Douglass, E. 1488.
 ——— *platyceps*. Douglass, E. 1488.

LOPHIODON [Ungulata].

- *sardus*. Bosco, C. 1390.

LUTRA [Carnivora].

- *brachygnathus*. Schlosser, M. 1869.

MACHAIRODUS [Carnivora].

- *horribilis*. Schlosser, M. 1869.

MASTODON [Ungulata].

- *lydekkeri*. Schlosser, M. 1869.

MEGALOHYRAX [Ungulata].

- *eocenus*. Andrews, C. W. 1331.

MELES [Carnivora].

- *taxipater*. Schlosser, M. 1869.

Micropternodus n. gen. [Insectivora].
Matthew, W. D. 1719.

- *borealis*. Matthew, W. D. 1719.

Mylagaulodon n. gen. [Rodentia].
Sinclair, W. J. 1922.

- *angulatus*. Sinclair, W. J. 1922.

Neohipparion n. gen. [Ungulata].
Gidley, J. W. 1554.

- *whitneyi*. Gidley, J. W. 1554.

NEOPITHECUS [Primates].

- n. nom. Abel, O. 1314.

OREODON [Ungulata].

- *robustum*. Douglass, E. 1488.

OVIS [Ungulata].

- *mannhardi* n. form. Toulou, F. 1976.

PALAEOLAGUS [Rodentia].

- *brachyodon*. Matthew, W. D. 1719.

- *temnodon*. Douglass, E. 1488.

PALAEOREAS ? [Ungulata].

- *sinensis*. Schlosser, M. 1869.

Paraboselaphus n. gen. [Ungulata].
Schlosser, M. 1869.

- *ameghinoi*. Schlosser, M. 1869.

Paracamelus n. gen. [Ungulata].
Schlosser, M. 1869.

- *gigas*. Schlosser, M. 1869.

Paramylodon n. gen. [Edentata].
Brown, B. 1412.

- *nebrascensis*. Brown, B. 1412.

PERATHERIUM [Marsupialia].

- *titanelix*. Mattle, W. D. 1719.

PLATYGONUS [Ungulata].

——— *texanus*. Gidley, J. W. 1555.

Plesiadax [Ungulata].

——— *depereti*. Schlosser, M. 1869.

Porthocyon n. gen. [Carnivora].
Merriam, J. C. 1727.

Proamphicyon n. gen. [Carnivora].
Hatcher, J. B. 1582.

——— *nebrascensis*. Hatcher, J. B. 1582.

Progenetta [Carnivora].

——— *certa*. Major, C. I. F. 1710.

Prosciurus n. subgen. [Rodentia].
Matthew, W. D. 1719.

Protemnocyon n. gen. [Carnivora].
Hatcher, J. B. 1582.

——— *inflatus*. Hatcher, J. B. 1582.

Proterix n. gen. [Insectivora].
Matthew, W. D. 1720.

——— *loomisi*. Matthew, W. D. 1720.

Protetraceros n. gen. Schlosser, M. 1869.

——— *gaudryi*. Schlosser, M. 1869.

Pseudobos n. gen. [Ungulata]. Schlosser, M. 1869.

——— *gracilidens*. Schlosser, M. 1869.

——— *intermedius*. Schlosser, M. 1869.

Pterodon [Carnivora].

——— *africanus*. Andrews, C. W. 1331.

Rhinoceros [Ungulata].

——— *brancoi*. Schlosser, M. 1869.

——— *habereri*. Schlosser, M. 1869.

——— *hundsheimensis* n. form.
Toula, F. 1975. 1977.

Sciurus [Rodentia].

——— *jeffersoni*. Douglass, E. 1488.

——— *vetustus*. Matthew, W. D. 1719.

Spalax [Rodentia].

——— *fritschii*. Nehring, A. 1737.

Steneofiber [Rodentia].

——— *complexus*. Douglass, E. 1488.

——— *hesperus*. Douglass, E. 1488.

Stirarus [Ungulata].

——— *montanus*. Matthew, W. D. 1719.

Strepsiceros [Ungulata].

——— *annectens*. Schlosser, M. 1869.

——— *praeursor*. Schlosser, M. 1866.

Sus [Ungulata].

——— *hyatherioides*. Schlosser, M. 1869.

——— *microdon*. Schlosser, M. 1869.

——— *stehleni*. Schlosser, M. 1869.

Tragoceros [Ungulata].

——— *gregarius*. Schlosser, M. 1869.

——— *kokeni*. Schlosser, M. 1869.

——— *spectabilis*. Schlosser, M. 1869.

——— *sylvaticus*. Schlosser, M. 1869.

Trocharion [Carnivora].

——— *albanense*. Major, C. I. F. 1710.

Trochictis [Carnivora].

——— *depereti*. Major, C. I. F. 1710.

——— *pusilea*. Major, C. I. F. 1710.

Vulpes [Carnivora].

——— *sinensis*. Schlosser, M. 1869.

PALAEOBOTANY.

A. STRATIGRAPHICAL CLASSIFICATION.

35 GENERAL. INCLUDING STRATA OF UNKNOWN AGE.

35.5000 GENERAL PALAEOBOTANY.

Das Pflanzenreich. Regni vegetabilis conspectus. Im Auftrage der königl. preuss. Akademie der Wissenschaften hrsg. von A[dolf] Engler. H. 12-15. Leipzig (W. Engelmann), 1903, (132 + 294 + 161 + 48). 26 cm.

Bommer, Ch. Les causes d'erreur dans l'étude des empreintes végétales. Bruxelles (Hayez), 1903, (1-33, pl. 1-X hors texte). 4to.

Clarke, C. B. Excursion to Kew Gardens. London, Proc. Geol. Ass., **18**, (3), 1903, (164).

Potonié, H[enri]. Die Entwicklung der Pflanzenwelt. In : Weltall und Menschheit, hrsg. v. H. Kraemer, Bd. 2, Berlin, 1902-1903, (339-408, mit Taf.).

Ein Blick in die Geschichte der botanischen Morphologie und die Pericaulom-Theorie. Erweit. Abdr. aus Natw., Wochenschr., Jena, Bd 18. Jena (G. Fischer), 1903, (III + 45). 24 cm.

Paläophytologische Notizen. [XIII : Physiolog. Minderwertigkeit der Fächer- u. Parallel-Aderung der Blätter gegenüber der Maschenaderung.] Natw. Wochenschr., Jena, **18**, 1903, (433-436).

Renault, B. Sur l'activité végétative aux époques anciennes. Paris, C.-R. Acad. sci., **136**, 1903, (401-403).

Renault, Bernard. Sur la transformation de la matière organique des plantes en combustibles fossiles. Autun, Bul. soc. sci. nat., **15**, 1902, (Proc.-verb., 133-138).

Sur quelques Pollens fossiles. Prothalles mâles. Tubes polliniques, etc., du terrain houiller. Autun, Bul. soc. hist. nat., **15**, 1902, (Proc.-verb., 229-232, av. 2 pl.).

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Smedley, H. E. H. [Wax models of *Stephanospermum*, *Lagenostoma*, *Pachytestes*, *Zamia*, and *Torreya*.]. London, Q. J. Geol. Soc., **59**, 1903, (Proc., vii).

Westermarck, Max. Grundsätzliches zur Beurtheilung der Zweckmässigkeit paläozoischer Pflanzen. N. Jahrb. Min., Stuttgart, **1903**, **1**, (42-58).

f AFRICA.

fg South Africa.

Arber, E. A. N. Notes on some fossil plants . . . Rhodesia. London, Q. J. Geol. Soc., **59**, 1903, (288).

Seward, A. C. Fossil Floras of South Africa. Geol. Mag., London, (Ser. 2), [4] **10**, 1903, (515).

g NORTH AMERICA.

Grabau, Amadeus W., [and **Letson, Elizabeth J.**]. Guide to the geology and paleontology of Niagara Falls and vicinity. Buffalo, Bull. Soc. Nat. Sci., **7**, 1901, (1-284, with pl.).

gi Western United States.

Les forêts pétrifiées de l'Arizona. Globe illustré, Bruxelles, **1901**, (25-26).

35.5400 DICOTYLEDONS.

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35.6500 GYMNOSPERMS.

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Helm. Ueber die unter dem Kollektivnamen „Bernstein“ vorkommenden fossilen Harze. Danzig, Schr. natf. Ges., (N. F.), **10**, H. 4, 1902, (37-44).

35.6700 VASCULAR CRYPTO-GAMS.

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— Leaf structure of *Cordaitea*. N. Phytol., London, **2**, (4 and 5), 1903, (91-98, pl.).

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de British Islands.

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35.7400 ALGAE AND SCHIZOPHYCEAE.

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g NORTH AMERICA.

gi Western United States.

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i AUSTRALASIA.

if Victoria.

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35.7700 FUNGI, BACTERIA AND MYCETOZOA.

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35.7900 PLANTS OF UNASCERTAINED POSITION.

f AFRICA.

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45 PALAEOZOIC.

45.5000 GENERAL PALAEOBOTANY.

g NORTH AMERICA.

gg North Eastern United States.

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50 LOWER PALAEOZOIC.

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i AUSTRALASIA.

if Victoria.

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55.5000 GENERAL PALAEOBOTANY.

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dk Austria-Hungary.

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fg South Africa.

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gi Western United States.

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f AFRICA.

fg South Africa.

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Lomax, J. On some new features in relation to *Lyginodendron oldhamium*. London, Rep. Brit. Ass., 1902 (1903), (809, 810).

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de British Islands.

Arber, E. A. N. Fossil flora of the Ardwick series of Manchester. Geol. Mag., London, (Ser. 2), [4] 10, 1903, (514).

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f AFRICA.

fg South Africa.

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i AUSTRALASIA.

ie New South Wales.

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55.7400 ALGAE AND SCHIZOPHYCEAE.

d EUROPE.

df France.

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55.7700 FUNGI.d **EUROPE.**df **France.**

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65 TRIASSIC.**65.5000 GENERAL PALAEOBOTANY.**

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65.6500 GYMNOSPERMS.d **EUROPE**de **German Empire.**

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f **AFRICA.**fg **South Africa.**

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65.6700 VASCULAR CRYPTO-GAMS.d **EUROPE**de **British Islands.**

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df **France.**

Fliche, P. Sur les Lycopodiniées du Trias en Lorraine. Paris, C.-R. Acad. sci., **136**, 1903, (907-908).

f **AFRICA.**fg **South Africa.**

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65.7400 ALGAE.d **EUROPE.**df **France.**

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70 JURASSIC.

70.5000 GENERAL PALAEO-
BOTANY.

c ASIA.

cb China and Dependencies.

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g NORTH AMERICA.

gg North Eastern United States.

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75 CRETACEOUS.

75.5000 GENERAL PALAEO-
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g NORTH AMERICA.

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75.6000 MONOCOTYLEDONS.

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dh **Italy.**

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95.6500 GYMNOSPERMS.

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d EUROPE.

dc German Empire.

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Torreya. Smedley, H. E. H. London, Q. J. Geol. Soc., **59**, 1903, (Proc. vii).

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Quercus hollickii n. sp. Berry, E. W. New York, N.Y., Bull. Bot. Gard., **3**, 1903, (45-103, with pl.).

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5400 DICOTYLEDONS.

5400.35 GENERAL, INCLUDING
STRATA OF UNKNOWN AGE.

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5400.75 CRETACEOUS.

Aralia. Berry, E. W. New York, N.Y., Bull. Bot. Gard., **3**, 1903, (45-103, with pl.).

Stereulia nn. spp. **Berry**, E. W. New York, N.Y., Bull. Bot. Gard., **3**, 1903, (45-103, with pl.).

Fiburnum hollickii n. sp. **Berry**, E. W. Amer. Nat., Boston, Mass., **37**, 1903, (677-684, with pl.).

5400.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Alnus kumiana n. sp. **Palibin**, I. St. Petersburg, Verh. Russ. mineral. Ges., **40**, 1902 (1903), (453-467).

Paliurites martyi n. sp. **Langeron**, M. Autun, Bul. soc. hist. nat., **15**, 1902, (85-96, av. 2 pl.).

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6000 MONOCOTYLEDONS.

6000.75 CRETACEOUS.

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Phragmites ? *cliffwoodensis* n. sp. **Berry**, E. W. New York, N.Y., Bull. Bot. Gard., **3**, 1903, (45-103, with pl.).

6000.85 LOWER CAENOZOIC (EOCENE OLIGOCENE).

Poacites lepidoides n. sp. **Engelhardt**, Wien, Beitr. Pal. Geol. OstUng., **14**, 1902, (163-184, mit 4 Taf.).

6500 GYMNOSPERMS.

6500.55 UPPER PALAEOZOIC.

Psymphyllum kidstoni n. sp. **Seward**, A. C. Cape Town, Ann. S. Afric. Mus., **4**, 1903, (93, with pl. XII and fig. 1).

(κ-653)

6500.55 TRIASSIC.

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6500.70 JURASSIC.

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6500.76 CRETACEOUS.

Araucarites rogersi n. sp. **Seward**, A. C. Cape Town, Ann. S. Afric. Mus., **4**, 1903, (37, with pl. VI and figs. 4-7).

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Brachyphyllum sp. **Seward**, A. C. Cape Town, Ann. S. Afric. Mus., **4**, 1903, (40, with pl. VI and figs. 13, 18).

Conites sp. (?) **Seward**, A. C. Cape Town, Ann. S. Afric. Mus., **4**, 1903, (41, with pl. and figs. 2, 2a).

Cycadolepis jenkinsiana, Tate. **Seward**, A. C. Cape Town, Ann. S. Afric. Mus., **4**, 1903, (27, with pl. IV and figs. 3-6, with 3 text-figs.).

Dadoxylon dantzi n. sp. **Potonis**, H. Mitt. D. Schutzgeb., Berlin, **15**, 1902, (227-229, mit 1 Taf.).

Nilssonia tatei n. sp. **Seward**, A. C. Cape Town, Ann. S. Afric. Mus., **4**, 1903, (27, with pl. IV and figs. 1, 2).

Pinus maltevanensis n. sp. **Berry**, E. W. Amer. Nat., Boston, Mass., **37**, 1903, (677-684, with pl.).

Taxites sp. **Seward**, A. C. Cape Town, Ann. S. Afric. Mus., **4**, 1903, (39, with pl. VI and figs. 15, 15).

Zamites. Seward, A. C. Cape Town, Ann. S. Afric. Mus., 4, 1903, (21, 25, 26, with pl. V, VI and figs. 3, 4, 8-12).

8500.95 PLEISTOCENE AND RECENT.

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6700.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

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6700.55 UPPER PALAEOZOIC.

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Cordaicarpus planus n. sp. Kildston, R. Edinburgh, Trans. R. Soc., 40, 1903, (741-833, with 5 pls.).

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Glossopteris. Etheridge, R. jun. Sydney, N.S.W., Rec. Austr. Mus., 5, No. 1, 1903, (46-69, text fig.).

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Neuropteridium validum, Feist. Seward, A. C. Cape Town, Ann. S. Afric. Mus., 4, 1903, (83), 85 with pl. X and figs. 1, 1a, 1b.

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Schizoneura australis, Eth. fil. Etheridge, R. jun. Sydney, N.S.W., Rec. Geol. Surv. N.S. Wales, 7, pt. 3, 1903, (234-235, tables 41, 49).

Sigillaria canobiana n. sp. Kildston, R. Edinburgh, Trans. R. Soc., 40, 1903, (741-833, with 5 pls.).

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6700.65 TRIASSIC.

Callipteridium stormbergensis n. sp. Seward, A. C. Cape Town, Ann. S. Afric. Mus., 4, 1903, (58, with pl. VII and figs. 4-6a; pl. VII fig. 5).

Chiropteris cuneata, Carr. Seward, A. C. Cape Town, Ann. S. Afric. Mus., 4, 1903, (62, with pl. IX and fig. 4).

Chiropteris zeileri n. sp. Seward, A. C. Cape Town, Ann. S. Afric. Mus., 4, 1903, (63, with text figure).

Schizoneura krasseri n. sp. (Probably identical with *S. carrerei* Zeil.). Seward, A. C. Cape Town, Ann. S. Afric. Mus., 4, 1903, (48, with pl. IX and figs. 5, 6).

Stenopteris elongata, Carruthers. Seward, A. C. Cape Town, Ann. S. Afric. Mus., 4, 1903, (70, with pl. VII and figs. 2 and 3; pl. XI, fig. 3).

Strobilites sp. (possibly the strobilus of *Schizoneura krasseri*). Seward, A. C. Cape Town, Ann. S. Afric. Mus., 4, 1903, (49).

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Thinnfeldia odontopteroides Morr. Seward, A. C. Cape Town, Ann. S. Afric. Mus., 4, 1903, (52, with pl. VII and figs. 1-8; pl. IX, figs. 7-8; pl. XI, fig. 2).

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6700.75 CRETACEOUS.

Onychiopsis mantelli Brongn. Seward, A. C. Cape Town, Ann. S. Afric. Mus., 4, 1903, (4, with pl. V and figs. 1-4).

Cladophlebis. Seward, A. C. Cape Town, Ann. S. Afric. Mus., 4, 1903, (10-14, with pl. II, VI, and figs. 1, 4, 6, 16-17).

Dictyozamites. Seward, A. C. London, Q. J. Geol. Soc., 59, 1903, (2-7, pl.).

Gleichenia saundersii n. sp. Berry, E. W. Amer. Nat., Boston, Mass., 37, 1903, (677-684, with pl.).

Sphenopteris sp. Seward, A. C. Cape Town, Ann. S. Afric. Mus., 4, 1903, (17-19, with pl. and text fig. 1, 7, 8).

Taeniopteris sp. (cf. *T. artica*, Heer.). Seward, A. C. Cape Town, Ann. S. Afric. Mus., 4, 1903, (19, with pl. II and figs. 5-5a).

(x-653)

6700.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

Polypodium redlichi n. sp. Engelhardt. Wien, Beitr. Pal. Geol. Ost-Ung., 14, 1902, (163-184, mit 4 Taf.).

7000 MOSSES.

7000.95 PLEISTOCENE AND RECENT.

Hypnum. Holsinger, J. M. Bryologist, Brooklyn, N.Y., 6, 1903, (93-94).

7400 ALGAE AND SCHIZOPHYCEAE.

7400.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

7400.55 UPPER PALAEOZOIC.

Nematophyton. Prosser, C. S. Amer. Geol., Minneapolis, Minn., 29, 1902, (372-377).

7400.75 CRETACEOUS.

Conserovites dubius n. sp. Berry, E. W. Amer. Nat., Boston, Mass., 37, 1903, (677-684, with pl.).

Tetraplopora n. gen. *T. remesi* n. sp. Steinmann. Wien, Beitr. Pal. Geol. OestUng., 15, 1903, (45-54).

7400.80 CAENOZOIC.

Zoophycus. Barsanti, L. Pisa, Mem. Soc. tosc. sc. nat., 18, 1902, (68-95, con tav.).

7400.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

Acetabularia. Squinabol, S. Padova, Atti Mem. Acc., (Ser. 2), 18, 1902, (151-155, con fig.).

Melosira hiebei n. sp. Reichelt, H. Leipzig, SitzBer. natf. Ges., 26-27 (1899-1900), 1901, (27-35).

7400.95 PLEISTOCENE AND RECENT.

Cyclotella pygmaea n. sp. **Pantocsek**, J. Beschreibung und Abbildung der fossilen Bacillarien des Andesittuffes von Szliács in Ungarn. Berlin (R. Friedländer u. S.), 1903, (20, mit 2 Taf.).

Cymbella nn. spp. **Pantocsek**, J. Beschreibung und Abbildung der fossilen Bacillarien des Andesittuffes von Szliács in Ungarn. Berlin (R. Friedländer u. S.), 1903, (20, mit 2 Taf.).

Disiphonia hungarica n. sp. **Pantocsek**, J. Beschreibung und Abbildung der fossilen Bacillarien des Andesittuffes von Szliács in Ungarn. Berlin (R. Friedländer u. S.), 1903, (20, mit 2 Taf.).

Eunotia (*Himantidium*) nn. spp. **Pantocsek**, J. Beschreibung und Abbildung der fossilen Bacillarien des Andesittuffes von Szliács in Ungarn. Berlin (R. Friedländer u. S.), 1903, (20, mit 2 Taf.).

Gomphonema balnearum n. sp. **Pantocsek**, J. Beschreibung und Abbildung der fossilen Bacillarien des Andesittuffes von Szliács in Ungarn. Berlin (R. Friedländer u. S.), 1903, (20, mit 2 Taf.).

Navicula nn. spp. **Pantocsek**, J. Beschreibung und Abbildung der fossilen Bacillarien des Andesittuffes von Szliács in Ungarn. Berlin (R. Friedländer u. S.), 1903, (20, mit 2 Taf.).

Navicula (*Caloneis*) *zachariasii* n. sp. **Reichelt**, H. Plön, ForschBer. biol. Stat. **10**, 1903, (194-200).

Navicula rostockiensis n. sp. **Heiden**. Rostock, Mitt. geol. Landesanst. **14**, 1902, (7-30).

Semseyia hungarica n. sp. **Pantocsek**, J. Beschreibung und Abbildung der fossilen Bacillarien des Andesittuffes von Szliács in Ungarn. Berlin (R. Friedländer u. S.), 1903, (20, mit 2 Taf.).

Stauroneis tylophora n. sp. **Reichelt**, H. Plön, ForschBer. biol. Stat., **10**, 1903, (194-200).

Stephanodiscus entzii n. sp. **Pantocsek**, J. Beschreibung und Abbildung der fossilen Bacillarien des Andesittuffes von Szliács in Ungarn. Berlin (R. Friedländer u. S.), 1903, (20, mit 2 Taf.).

Szechenyia n. gen. et nn. spp. **Pantocsek**, J. Beschreibung und Abbildung der fossilen Bacillarien des Andesittuffes von Szliács in Ungarn. Berlin (R. Friedländer u. S.), 1903, (20, mit 2 Taf.).

7700 FUNGI.

7700.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Urophycitites oliverianus. **Magnum**, P. Berlin, B. D. bot. Ges., **21**, 1903, (248-250).

7900 PLANTS OF UNASCERTAINED POSITION.

7900.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Spirophyton, Hall. **Seward**, A. C. Cape Town, Ann. S. Afric. Mus., **4**, 1903, (103, with pl. XIV and figs. 1, 2).

7900.50 LOWER PALAEOZOIC.

Bythotrephes tenuis J. Hall. **Chapman**, F. Melbourne, Proc. R. Soc. Vict., **15**, (N. Ser.), 1903, (104-5, with pl. xvi).

7900.75 CRETACEOUS.

Carpolithus nn. spp. **Berry**, E. W. New York, N.Y., Bull. Bot. Gard., **3**, 1903, (45-103, with pl.).

LIST OF NEW GENERA AND SPECIES.

5400 DICOTYLEDONS.

ALNUS [Cupuliferae].

———— *kumiana*. Palibin, I. 1772.

ARALIA [Araliaceae].

———— *brittoniana*. Berry, E. W. 1369.

———— *matheuanensis*. Berry, E. W. 1369.

CELASTROPHYLLUM [Aceraceae].

———— *elegans*. Berry, E. W. 1369.

EUCALYPTUS [Myrtaceae].

———— ? *dubia*. Berry, E. W. 1369.

FICUS [Urticaceae].

———— *neurocarpa*. Hollick, A. 1613.

LAURUS [Laurineae].

———— *hollickii*. Berry, E. W. 1369.

MAGNOLIA [Magnoliaceae].

———— *palaeopetala*. Hollick, A. 1613.

MYRICA [Myricaceae].

———— *heerii*. Berry, E. W. 1363.

NELUMBO [Nymphaeaceae].

———— *primaeva*. Berry, E. W. 1369.

PALIURITES [Rhamneae].

———— *martyi*. Langeron, M. 1672A.

POPULITES [Salicineae].

———— *tenuifolius*. Berry, E. W. 1369.

QUERCUS [Cupuliferae].

———— *euboea*. Palibin, I. 1772.

———— *hollickii*. Berry, E. W. 1369.

———— *susedana*. Palibin, I. 1772.

RHAMNUS [Rhamneae].

———— *novae-caesareae*. Berry, E. W. 1369.

SALIX [Salicineae].

———— *matheuanensis*. Berry, E. W. 1369.

STERCULIA [Sterculiaceae].

———— *cliffwoodensis*. Berry, E. W. 1369.

———— *snoucii* var. *bilobata* n. var. Berry, E. W. 1369.

VIBURNUM [Caprifoliaceae].

———— *hollickii*. Berry, E. W. 1368.

6000 MONOCOTYLEDONS.

Palmoxylon n. gen. [Palmaceae].
Wieland, G. R. 2028.

———— *cheyennense*. Wieland, G. R. 2028.

PHRAGMITES [Gramineae].

———— ? *cliffwoodensis*. Berry, E. W. 1369.

POACITES [Gramineae].

———— *lepidoides*. Engelhardt, H. 1509.

6500 GYMNOSPERMS.

ARAUCARITES [Coniferales].

———— *rogersi*. Seward, A. C. 1904.

BAIERA [Ginkgoales].

———— *stormbergensis*. Seward, A. C. 1904.

DADOXYLON.

———— *dantzi*. Potonié, H. 1810.

NILSSONIA [Cycadeaceae].

———— *tatei*. Seward, A. C. 1904.

PINUS [Coniferae].

———— *matteuanensis*. Berry, E. W. 1368.

PSYOMOPHYLLUM [? Ginkgoales].

———— *kidstoni*. Seward, A. C. 1904.

THUJA [Coniferae].

———— *occidentalis-thuringiaca*. Schlechtendal, D. von. 1867.

6700 VASCULAR CRYPTOGRAMS.

BOTHRODENDRON ? [Lycopodiales].

———— *leslii*. Seward, A. C. 1904.

CALLIPTERIDIUM [Filicales].

———— *stormbergensis*. Seward, A. C. 1904.

CHIROPTERIS [Filicales].

———— *zeilleri*. Seward, A. C. 1904.

CORDAICARPUS [Cordaiteae].

———— *planus*. Kidston, R. 1645.

GLEICHENIA [Gleicheniaceae].

———— *saundersii*. Berry, E. W. 1368.

PALAEOSTACHYA [Equisetales].

———— *ettingshauseni*. Kidston, R. 1645.

PINAKODENDRON [Lycopodiaceae].

———— *maceonochiei*. Kidston, R. 1645.

POLYPODIUM [Polypodiaceae].

———— *redlichi*. Engelhardt, H. 1509.

RHABDOCARPUS [Cordaiteae].

———— *curvatus*. Kidston, R. 1645.

SCHIZONEURA [Equisetales].

———— *krasseri*. Seward, A. C. 1904.

SIGILLARIA' [Lycopodiales].

———— *canobiana*. Kidston, R. 1645.

STIGMARIA [Lycopodiales].

———— *rimosiformis*. Kidston, R. 1645.

7400 ALGAE AND SCHIZOPHYCEAE.

CONFERVITES [Confervoideae].

———— *dubius*. Berry, E. W. 1368.

CYCLOTELLA [Diatomaceae].

———— *pygmaea*. Pantocsek, J. 1778.

CYMBELLA [Diatomaceae].

———— *grata*. Pantocsek, J. 1778.

———— *aliacensis*. Pantocsek, J. 1778.

DISIPHONIA [Diatomaceae].

———— *hungarica*. Pantocsek, J. 1778.

EUNOTIA [Diatomaceae].

———— *ehrenbergii*. Pantocsek, J. 1778.

———— *hungarica*. Pantocsek, J. 1778.

———— *wettsteinii*. Pantocsek, J. 1778.

GOMPHONEMA [Diatomaceae].

———— *balnearum*. Pantocsek, J. 1778.

MELOSIRA [Diatomaceae].

———— *hibschii*. Reichelt, H. 1831.

NAVIOULA [Diatomaceae].

- *addaas*. Pantocsek, J. 1778.
 ——— *caasykaas*. Pantocsek, J. 1778.
 ——— *falax*. Pantocsek, J. 1778.
 ——— *flarszkyi*. Pantocsek, J. 1778.
 ——— *rostockiensis*. Heiden. 1592.
 ——— *zachariasi*. Reichelt, H. 1832.

SEMSETIA [Diatomaceae].

- *hungarica*. Pantocsek, J. 1778.

STAURONEIS [Diatomaceae].

- *tylophora*. Reichelt, H. 1832.

STEPHANODISCUS [Diatomaceae].

- *entzii*. Pantocsek, J. 1778.

Ssechenijia n. gen. Pantocsek, J. 1778.

- *antiqua*. Pantocsek, J. 1778.
 ——— *gracilis*. Pantocsek, J. 1778.
 ——— *ornata*. Pantocsek, J. 1778.

Tetraplopora n. gen. [Dasycladaceae]. Steinmann. 1949.

- *remeši*. Steinmann. 1949.

7930 PLANTS OF UNASCERTAINED POSITION.

CARPOLITHUS.

- *cliffwoodensis*. Berry, E. W. 1369.
 ——— *dubius*. Berry, E. W. 1369.
 ——— *juglandiformis*. Berry, E. W. 1369.

ALPHABETICAL LIST OF NAMES OF NEW GENERA, SPECIES AND VARIETIES.

(The names of new Genera are in *italics*.)

<i>acanthocolpum</i>	<i>Paracerithium</i> ; Char- tron & Cossmann. 1431.	<i>affinis</i>	<i>Claosaurus</i> ?; Wieland, G. R. 2028.
<i>acervulinoides</i>	Gümbelina; Egger, J. G. 1503.	<i>affluens</i>	Olivella; Casey, T. L. 1427.
<i>acridens</i>	<i>Arretotherium</i> ; Douglass, E. 1488.	<i>africanus</i>	<i>Pterodon</i> ; Andrews, C. W. 1331.
<i>acrisionae</i>	<i>Plesiophyllia</i> ; Felix, J. 1521.	<i>agglutinans</i>	<i>Pavonia</i> ; Schubert, R. J. 1874.
<i>acuminatum</i>	<i>Laccophyllum</i> ; Simp- son, G. B. 1921.	————	<i>Planispirina</i> ; Egger, J. G. 1503.
<i>acuta</i>	<i>Trigonia</i> ; Kitchin, F. L. 1654.	<i>airensis</i>	<i>Hornera</i> ; Maplestone, C. M. 1711.
<i>acutecochleata</i>	<i>Nerinea</i> ; Broili, F. 1398.	————	<i>Retepora</i> ; Maplestone, C. M. 1711.
<i>acutidens</i>	<i>Ictops</i> ; Douglass, E. 1488.	<i>alata</i>	<i>Stropheodonta</i> ; Chapman, F. 1430.
<i>acutum</i>	<i>Tornoceras</i> ; Frech, F. 1543.	<i>albanense</i>	<i>Trocharion</i> ; Major, C. I. F. 1710.
<i>addae</i>	<i>Navicula</i> ; Pantocsek, J. 1778.	<i>aldrichi</i>	<i>Cardita</i> ; Casey, T. L. 1427.
<i>adelaidensis</i>	<i>Trochocyathus</i> ; Den- nant, J. 1474.	<i>aldrichiella</i>	<i>Microdrillia</i> ; Casey, T. L. 1427.
<i>adleri</i>	<i>Turbonilla</i> ; Arnold, R. 1342.	<i>alexandrae</i>	<i>Arthaberites</i> ; Diener, C. 1484.
<i>aegiale</i>	<i>Phyllosmilia</i> ; Felix, J. 1521.	————	<i>Shastasaurus</i> ; Merriam, J. C. 1725.
<i>aegoceras</i>	<i>Clymenia</i> ; Frech, F. 1543.	<i>alpha</i>	<i>Bathygenys</i> ; Douglass, E. 1488.
<i>aegyptiaca</i>	<i>Neaera</i> ; Oppenheim, P. 1764.	<i>alta</i>	<i>Valenciennesia</i> ; Gorjanović- Kramberger, K. [Dragu- tin]. 1559.
<i>aerarius</i>	<i>Aviculopecten</i> ; Bittner, A. 1378.	<i>alternans</i>	<i>Fusulina</i> ; Schellwien, E. 1866.
<i>aeriphilus</i>	<i>Pecten</i> ; Bittner, A. 1378.	<i>altidens</i>	<i>Gazella</i> ; Schlosser, M. 1869.
<i>aesopiformis</i>	<i>Unio</i> ; Whitfield, R. P. 2026.		

- altispinus* Shastasaurus; Merriam, J. C. 1725.
altithorax Brachiosaurus; Riggs, E. S. 1849.
alveus Krithe; Egger, J. G. 1504.
amazonicus Productus; Katzer, F. 1640.
ambitiosa Rhynchonella; Bittner, A. 1378.
ameghinoides Paraboselaphus; Schlosser, M. 1869.
amica Pleurotoma; Casey, T. L. 1427.
Ammofrondicularia n. gen.; Schubert, R. J. 1874.
amphidoxus Pecten; Bittner, A. 1378.
amphitrites Ceratotrochus; Felix, J. 1521.
 ——— *Latimaeandra*; Felix, J. 1522.
amplecta Limnaea; Gorjanović-Kramberger, K. [Dragutin]. 1559.
anatolica Pleurotomaria?; Enderle, J. 1508.
anceps Limnenetes?; Douglass, E. 1488.
ancilla Pleurotoma; Casey, T. L. 1427.
Andorina n. gen.; Lörenthey, E. 1691.
Anguillavus n. gen.; Hay, O. P. 1591.
angulatus Dinarites; Kittl, E. 1656.
 ——— *Mylagaulodon*; Sinclair, W. J. 1922.
angusta Ammofrondicularia; Schubert, R. J. 1874.
 ——— *Caryocaris*; Chapman, F. 1429.
angusticeps Ictidosaurus; Broom, R. 1406.
angustilobatus Tirolites; Kittl, E. 1656.
angustus Coccosteus; Traquair, R. H. 1982.
 ——— *Pentremites*; Hambach, G. 1577.
angustus Tirolites; Kittl, E. 1656.
anisopora Cystodictya; Condra, G. E. 1454.
annae Cyathophora; Volz, W. 2012.
annectens Strepsiceros; Schlosser, M. 1869.
antarctica Lagena (?); Weller, S. 2023.
 ——— *Olcostephanus*; Weller, S. 2023.
antiqua Podocnemis; Andrews, C. W. 1328a.
 ——— *Szechenyia*; Pantocsek, J. 1778.
Apternodus n. gen.; Matthew, W. D. 1719.
apusoides Ribeiria; Schubert, R. J. & Waagen, L. 1881.
arborescens Retepora; Maplestone, C. M. 1711.
arcuatus n. var. *Leptograptus flaccidus*; Elles, G. L. & Wood, E. M. R. 1507.
areyi Eotomaria; Clarke, J. M. & Ruedemann, R. 1444.
arkonense Platyceras; Shimer, H. W. & Grabau, A. W. 1912.
arkonensis n. var. *Spirifer mucronatus*; Shimer, H. W. & Grabau, A. W. 1912.
arnoldi Turbonilla; Arnold, R. 1342.
Arretotherium n. gen. Douglass, E. 1488.
arthaberi Naticopsis; Enderle, J. 1508.
 ——— *Valenciennesia*; Gorjanović-Kramberger, Karl [Dragutin]. 1559.
Arthaberites n. gen. Diener, C. 1484.
ascendens Leptograptus; Elles, G. L. & Wood, E. M. R. 1507.
aspidoides Pinacoceras; Diener, C. 1484.
Astraraea n. gen. Felix, J. 1521.
Astrogyra n. gen. Felix, J. 1521.

<i>atomaria</i>	Rhynchonella ; Bittner, A. 1378.	<i>basleri</i>	Polypora ; Condra, G. E. 1454.
<i>atratus</i>	Strephochetus ; Seely, H. M. 1893.	<i>batheri</i>	Sclerocrinus ; Remeš, M. 1837.
<i>attalicus</i>	Bellerophon ; Enderle, J. 1508.	<i>bathshebae</i>	Anguillavus ; Hay, O. P. 1591.
<i>attenuatus</i>	Eucaenus ; Melander, A. L. 1722.	<i>Bathygerys</i>	n. gen. Douglass, E. 1488.
<i>Aulopocella</i>	n. gen. Maplestone, C. M. 1712.	<i>bavaricum</i>	Aceratherium ; Stromer von Reichenbach, E. 1960.
<i>auricoma</i>	Turbonilla ; Arnold, R. 1342.	<i>beecheri</i>	Megablattina ; Sellards, E. H. 1897.
<i>austinensis</i>	Anatina ; Shattuck, G. B. 1906.	<i>begum</i>	Rhynchonella ; Bittner, A. 1378.
————	Homomya ; Shattuck, G. B. 1906.	<i>bellistriata</i>	Striatopora ; Greene, G. K. 1570.
<i>australiae</i>	n. var. Beyrichia maccoyana ; Chapman, F. 1429.	<i>benardellii</i>	Hydnophyllia ; Oppenheim, P. 1762.
<i>australis</i>	Fenestella ; Chapman, F. 1430.	<i>benecke</i>	Pseudomonotis ; Bittner, A. 1377.
————	Hypogeomis. Grandidier, G. 1569.	<i>bertrandi</i>	Tornoceras ; Frech, F. 1543.
————	Siphonotreta ; Chapman, F. 1430.	<i>Beyrichoceras</i>	n. subgen. Foord, A. H. 1528.
<i>austriaca</i>	Pseudomonotis ; Bittner, A. 1377.	<i>biangulatus</i>	Dinarites ; Kittl, E. 1656.
<i>avocensis</i>	Nepheliospongia ; Clarke, J. M. 1438.	<i>bibullata</i>	Placopsilina ; Egger, J. G. 1503.
<i>Azoseris</i>	n. gen. Oppenheim, P. 1762.	<i>bicarinatedum</i>	Coeloma ; Ravn, J. P. J. 1823.
<i>baliensis</i>	Spiriferina ; Enderle, J. 1508.	<i>bicornis</i>	Remopleurides ; Reed, F. R. C. 1829.
<i>balnearum</i>	Gomphonema ; Pantocsek, J. 1778.	<i>bigemmis</i>	Placohelia ; Felix, J. 1521.
<i>barbata</i>	Cristellaria ; Egger, J. G. 1503.	<i>billingsi</i>	Diphyphyllum ; Greene, G. K. 1570.
<i>barberi</i>	Cyclotrypha ; Condra, G. E. 1454.	<i>bilobata</i>	n. var. Sterculia snowii ; Berry, E. W. 1369.
<i>barnetti</i>	Aclisina ; Kindle, E. M. 1651.	<i>binicostatus</i>	Mammites ; Petrascheck, W. 1792.
<i>barratti</i>	Homalonotus ; Woodward, H. 2049.	<i>binodata</i>	Fenestella ; Condra, G. E. 1454.
<i>barroisi</i>	Aphyllites ; Frech, F. 1543.	<i>biplicatula</i>	Microdrillia ; Casey, T. L. 1427.
<i>bartschi</i>	Pleurotoma ; Arnold, A. 1342.	————	Spirigera ; Bittner, A. 1378.
<i>basidecorus</i>	Hemiasier ; Oppenheim, P. 1762.	<i>bittneri</i>	Bittnerites ; Kittl, E. 1656.
<i>bassi</i>	Pleurotomaria ; Pritchard, G. B. 1819.	————	Edmondia ; Enderle, J. 1508.
		————	Ranina ; Lörenthey. 1690.
		————	Tirolites ; Kittl, E. 1656.

- Bittnerites* n. subgen. Kittl, E. 1856.
- blanckenhorni* Centrastraea; Felix, J. 1522.
- Ginglymostoma; Stromer, E. 1958.
- Kingena; Dacqué, E. 1468.
- Podocnemis; Reinach, A. von. 1833. 1834.
- blatchleyi* Platyceras; Kindle, E. M. 1851.
- boehmi* Isoarca; Remeš, M. 1837.
- bogumilorum* Rhynchonella; Bittner, A. 1378.
- bolgiensis* n. form. Pseudomonotis; Bistram, A. 1375.
- borealis* Micropternodus; Matthew, W. D. 1719.
- borussicus* Ventriculites; Ungern-Sternberg, E. 1993.
- bosniaca* Chama; Oppenheim, P. 1762.
- Cladocora?; Oppenheim, P. 1762.
- Posidonomya; Bittner, A. 1378.
- bosniacum* Cerithium; Oppenheim, P. 1762.
- Flabellum; Oppenheim, P. 1762.
- bosniae* Aviculopecten; Bittner, A. 1378.
- bottii* Stylemys; Stefano (De), G. 1941.
- bovinum* Cyrtoceras; Clarke, J. M. & Ruedemann, R. 1444.
- Brachiosaurus* n. gen. Riggs, E. S. 1849.
- brachygnathus* Lutra; Schlosser, M. 1869.
- brachyodon* Palaeolagus; Matthew, W. D. 1719.
- brainerdi* Strophochetus; Seely, H. M. 1893.
- brancoi* Rhinoceros; Schlosser, M. 1869.
- branneri* Astarte; Arnold, R. 1342.
- Mangilia; Arnold, R. 1342.
- brazzanensis* Cycloseris; Oppenheim, P. 1762.
- brevicostata* Trigonia; Kitchin, F. L. 1654.
- brevis* Matheria; Whiteaves, J. F. 2025.
- brittoniana* Aralia; Berry, E. W. 1369.
- browni* Unio; Whitfield, R. P. 2026.
- budaense* Cardium; Shattuck, G. B. 1906.
- budaensis* Turritella; Shattuck, G. B. 1906.
- bukowinensis* Holocystis; Volz, W. 2012.
- bukowskii* Amphiclina; Bittner, A. 1378.
- Rhynchonella; Bittner, A. 1378.
- Spirigera; Bittner, A. 1378.
- Stolzenburgiella; Bittner, A. 1378.
- Terebratula; Bittner, A. 1378.
- bulloides* Cyllindrobullina; Chartron & Coesmann. 1431.
- caespitosa* n. form. Nubecularia; Steinmann, G. 1947.
- calaverensis* Stylemys; Sinclair, W. J. 1923.
- californica* Caryophyllia; Arnold, R. 1342.
- californicus* Toretocuemus; Merriam, J. C. 1726.
- californiensis* Mancana; Lucas, F. A. 1704.
- camurus* Crassatellites; Pritchard, G. B. 1818.
- canaliculata* Spirigera; Bittner, A. 1378.
- canavarii* Meekoceras; Airaghi, C. 1319.
- canobiana* Sigillaria; Kidston, R. 1645.
- Caractophyllum* n. gen. Simpson, G. B. 1921.
- carbonarius* Bactrites; Smith, J. P. 1930.
- carboniferum* Syncyclonema; Hind, W. 1601.

- cardiniiformis* Trigonia; Kitchin, F. L. 1654.
careyi Shastasauros; Merriam, J. C. 1725.
carinata n. var. *Melanopsis sikorai*; Kormos, T. 1666.
 ——— *Thamnastraea*; Felix, J. 1521.
carnegii *Diplodocus*; Hatcher, J. B. 1581.
carrolli *Aviculopecten*; Hind, W. 1601.
cassensis *Capulus*; Kindle, E. M. 1651.
 ——— n. var. *Rhynchonella gainesi*; Kindle, E. M. 1651.
castletoniensis *Evactinopora*; Barnes, J. 1348.
Castresia n. gen. Stefano (De), G. 1944.
caudata *Pontocypris*; Egger, J. G. 1504.
cavernosus *Ventriculites*?; Ungern-Sternberg, E. 1993.
caviceps *Figulus*; Chartron & Cossman. 1431.
celtitoides *Arpadites*; Airaghi, C. 1319.
ceres *Spirifer*; Reed, F. R. C. 1828.
cerritensis *Aligena*; Arnold, R. 1342.
 ——— *Nassa*; Arnold, R. 1342.
 ——— n. var. *Ocinebra lurida*. Arnold, R. 1342.
 ——— *Trophon*; Arnold, R. 1342.
certa *Progenetia*; Major, C. I. F. 1710.
Cervatus n. gen. Schlosser, M. 1869.
chamberlaini *Clavilithes*; Johnson, C. W. & Grabau, A. W. 1631.
chanum *Rhynchonella*; Bittner, A. 1378.
chariensis *Trigonia*; Kitchin, F. L. 1654.
charlyanus *Ptychites*; Diener, C. 1484.
chartroni *Celostylina*; Chartron & Cossman. 1431.
 ——— *Paracerithium*; Chartron & Cossman. 1431.
 ——— *Pseudomelania*; Chartron & Cossman. 1431.
Chartronia n. gen.; Chartron & Cossman. 1431.
cheyennense *Palmoxylon*; Wieland, G. R. 2028.
chondrophora *Trochosmia*; Felix, J. 1521.
cingulatus *Colodon*; Douglass, C. 1488.
 ——— *Svilajites*; Kittl, E. 1656.
 ——— *Tirolites*; Kittl, E. 1656.
circumnodosum *Gastrioceras*; Foord, A. H. 1528.
circumplicatile *Gastrioceras*; Foord, A. H. 1528.
circumvallata *Schismopora*; Maplestone, C. M. 1711.
ciscoense *Agathiceras*; Smith, J. P. 1230.
cladophora *Thamnaraea*; Felix, J. 1521.
Claraia n. subgen. Bittner, A. 1377.
clarinervis *Dictyonera*; Melander, A. S. 1722.
clarki *Exogyra*; Shattuck, G. B. 1906.
 ——— *Pseudocrinites*; Schuchert, C. 1885.
clavatomarginatus *Trionyx*; Lörentz, I. 1693.
cliffwoodensis *Carpolithus*; Berry, E. W. 1369.
 ——— *Phragmites*?; Berry, E. W. 1369.
 ——— *Sterculia*; Berry, E. W. 1369.
clinatus *Ceratotrochus*; Dennant, J. 1474.
cloetei *Titanosuchus*. Broom, R. 1404.
Cochlespirella n. gen. Casey, T. L. 1427.
Coelocystis n. gen. Schuchert, C. 1885.

- cognata* Actinacis; Oppenheim, P. 1762.
- Aulacothyrus; Bittner, A. 1378.
- Chione; Pritchard, G. B. 1818.
- cognatus* n. var. Dolatocrinus arrosus; Greene, G. K. 1570.
- collaris* Pleurotoma; Casey, T. L. 1427.
- columnaris* Mesomorpha; Oppenheim, P. 1762.
- commutata* Romingeria; Beecher, C. E. 1358.
- compactilis* n. var. Fenestella conradi; Condra, G. E. 1454.
- complanata* Retepora; Maplestone, C. M. 1711.
- complexus* Steneofiber; Douglass, E. 1488.
- complicatus* Eucinepeltus; Brown, B. 1411.
- compressa* Tritaxia; Egger, J. G. 1503.
- compressus* Atractites; Airaghi, C. 1319.
- comptus* Gennaeocrinus; Greene, G. K. 1570.
- concentrico-lineatum* Pseudamusium; Hind, W. 1601.
- concentricum* Amusium; Hind, W. 1601.
- concinus* n. var. Dolatocrinus corporosus; Greene, G. K. 1571.
- conglomeratum* Heliophyllum; Greene, G. K. 1571.
- congregatum* Heliophyllum; Greene, G. K. 1571.
- conicus* Archaeozonites; Andreae, A. 1326.
- conus* Callonema; Kindle, E. M. 1651.
- cooperi* Pleurotoma; Arnold, R. 1342.
- coracinum* Cerithium; Oppenheim, P. 1762.
- corbuliformis* Dolatocrinus; Greene, G. K. 1571.
- cornu* Placosmilia; Oppenheim, P. 1762.
- cornutula* Spirigera; Bittner, A. 1378.
- coronadoensis* Delphinoidea; Arnold, R. 1342.
- correctus* Remopleurides; Reed, F. R. C. 1829.
- costata* Heterocoenia; Felix, J. 1521.
- cracoviensis* Leiorhynchus; Gürich, G. 1576.
- crassa* Trigonia; Kitchin, F. L. 1654.
- crassitesta* Chonetes; Gürich, G. 1576.
- crassum* Glyphioceras; Foord, A. H. 1528.
- crassus* Inoceramus; Petrascheck, W. 1793.
- cresswelli* Chonetes; Chapman, F. 1430.
- Plectambonites; Chapman, F. 1430.
- cretacea* Protoseris; Felix, J. 1521.
- Zanthopsis; Branner, J. C. 1397.
- cribrosa* Phylactella; Maplestone, C. M. 1711.
- cromeri* Stereogenys; Andrews, C. W. 1328a.
- crotalum* Heliophyllum; Greene, G. K. 1570.
- crucifer* Zatrachys; Case, E. C. 1426.
- crucifera* Aplosmilia; Felix, J. 1521.
- crustulum* Porites; Oppenheim, P. 1762.
- cryptophya* Paropsonema; Clarke, J. M. 1437.
- csaszkae* Navicula; Pantocsek, J. 1778.
- cuccensis* Terebratula; Bittner, A. 1378.
- cupuliformis* Eugeniocrinus; Remeš, M. 1837.
- curriei* Dolatocrinus; Greene, G. K. 1570.

- curta* n. var. *Eupleura muriciformis*; Arnold, R. 1342.
 ——— *Paludestrina*; Arnold, R. 1342.
curvatus *Rhabdocarpus*; Kidston, R. 1645.
curvicameratum *Cyrtorhizoceras*; Clarke, J. M. & Ruedemann, R. 1444.
cyclamen *Phyllocrinus*; Remeš, M. 1837.
cyclofenestrata *Fenestella*; Condra, G. E. 1454.
Cylindrodon n. gen. Douglass, E. 1488.
cylindroides *Dimorphina*; Liebus, A. & Schubert, R. J. 1688.
Cylindrophyllum n. gen. Simpson, G. B. 1921.
cymbula *Aulacothyris*; Bittner, A. 1378.
cypriotes *Elephas*; Bate, D. M. A. 1351.
dabricense *Cardium*; Oppenheim, P. 1762.
dabricensis *Cyathomorpha*; Oppenheim, P. 1762.
 ——— *Cytherea*; Oppenheim, P. 1762.
 ——— *Trochus*; Oppenheim, P. 1762.
d'achiardii *Stephanosmilia*; Oppenheim, P. 1762.
 ——— *Trochoseris*; Oppenheim, P. 1762.
dalli *Pleurotoma*; Arnold, R. 1342.
dalmatina *Barysmilia*; Oppenheim, P. 1762.
 ——— *Lucina*; Oppenheim, P. 1762.
 ——— *Millepora*; Oppenheim, P. 1762.
 ——— *Pattalophyllia*; Oppenheim, P. 1762.
Dalmatites n. gen. Kittl, E. 1656.
dantzi *Dadoxylon*; Potonié, H. 1810.
 ——— *Gervillea*; Menzel, H. 1724.
Darénzia n. gen. Lörenthey, E. 1691.
darwini *Dryopithecus*. Abel, O. 1314.
dayi *Microcoelia*. Hay, O. P. 1591.
decamera *Placocoenia*; Volz, W. 2012.
decora *Emmelezoe*; Clarke, J. M. 1442.
decoratus n. var. *Dolatocrinus corporosus*; Greene, G. K. 1571.
defecta *Palaeomunida*. Lörenthey. 1690.
deformis *Stephanocrinus*; Greene, G. K. 1570.
delanoüei *Limea*; Oppenheim, P. 1764.
delecta *Rhynchonella*; Bittner, A. 1378.
delicatula *Arca*; Casey, T. L. 1427.
 ——— *Retepora*; Maplestone, C. M. 1711.
delicatus *Rhinellus*; Hay, O. P. 1591.
delphiensis *Goniatites*; Kindle, E. M. 1651.
delphinus *Cerithium*; Oppenheim, P. 1762.
depereti *Plesiadax*; Schlosser, M. 1869.
 ——— *Trochietis*; Major, C. I. F. 1710.
depressa *Rhynchonella*; Kindle, E. M. 1651.
deserta *Rhynchonella*; Bittner, A. 1378.
devonicus *Platycrinus*; Greene, G. K. 1570.
dewitzianus *Sternothaerus*; Reinach, A. von. 1833. 1834.
dezzoanus *Dinarites*; Tommasi, A. 1972.
dhosaensis *Trigonia*. Kitchin, F. L. 1654.
Diceratosaurus n. gen. Jaekel, O. 1623.
didymophila *Trochosmilia*; Felix, J. 1521.
diegensis *Odostomia*; Arnold, R. 1342.

- difficile *Glyphioceras*; Foord, A. H. 1528.
- digoniata *Chartronia*; Chartron & Cossmann. 1431.
- dimidiatus *Tirolites*; Kittl, E. 1656.
- Dimorphocella* n. gen. Maplestone, C. M. 1711.
- dinarica *Cyathosæris*; Oppenheim, P. 1762.
- *Mysidioptera*; Bittner, A. 1378.
- *Rhynchonella*; Bittner, A. 1378.
- diocletiani *Dinarites*; Kittl, E. 1656.
- discoidalis *Aganides*; Smith, J. P. 1930.
- dispansa *Alveolites*; Greene, G. K. 1570.
- dispansum *Heliophyllum*; Greene, G. K. 1570.
- distans *Stenopora*; Condra, G. E. 1454.
- *Tirolites*; Kittl, E. 1656.
- distincta *Trigonia*; Kitchin, F. L. 1654.
- Ditoecholasma* n. gen. Simpson, G. B. 1921.
- diversicostata *Phyllosmilia*; Felix, J. 1521.
- dodgæi *Acrognathus*. Hay, O. P. 1591.
- dorcadoides *Gazella*; Schlosser, M. 1869.
- douglasi *Unio*; Stanton, T. W. 1938.
- douvillei *Latimæandraræa*; Felix, J. 1521.
- dresdense *Muniericeras*; Petrascheck, W. 1792.
- drummockensis *Ampyx*; Reed, F. R. C. 1829.
- dubia *Eucalyptus*? Berry, E. W. 1369.
- *Trigonia*; Kitchin, F. L. 1654.
- dubius *Carpolithus*; Berry, E. W. 1369.
- *Confervites*; Berry, E. W. 1368.
- dubius *Hyaenognathus*?; Merriam, J. C. 1727.
- dubravitzensis *Turbinosæris*; Oppenheim, P. 1762.
- Edaphophyllum* n. gen. Simpson, G. B. 1921.
- eduliformis *Mytilarca*; Clarke, J. M. & Ruedemann, R. 1444.
- ehrenbergii *Eunotia*; Pantocsek, J. 1778.
- elatio *Coelostylina*; Chartron & Cossmann. 1431.
- elegans *Andorina*; Lörenthey, E. 1691.
- *Celastrphyllum*; Berry, E. W. 1369.
- elegantulus *Dolstocrinus*; Greene, G. K. 1571.
- elevatum *Umbraculum*; Aldrich, T. H. 1321.
- elkedaensis *Agnostus*; Etheridge, R. 1517.
- elongata n. var. *Aclisina barnetti*; Kindle, E. M. 1651.
- elongatula *Microdrillia*; Casey, T. S. 1427.
- elongatum *Cylindrophyllum*; Simpson, G. B. 1921.
- elongatus *Nigidius*; Chartron & Cossmann. 1431.
- emiliae *Mysidioptera*; Bittner, A. 1376.
- Enchelon* n. gen. Hay, O. P. 1591.
- Endianaulax* n. subgen. Chartron & Cossmann. 1431.
- Endiataenia* n. gen. Chartron & Cossmann. 1431.
- enniskillenense *Brancoreras*; Foord, A. H. 1528.
- Enterolasma* n. gen. Simpson, G. B. 1921.
- entzii *Stephanodiscus*; Pantocsek, J. 1778.
- eocenus *Megalohyrax*; Andrews, C. W. 1331.
- Eosinica* n. subgen. Aldrich, T. H. 1321.
- Epitornoceras* n. subgen. Frech, F. 1543.

- erbreichi* Fusus ; Oppenheim, P. 1762.
erecta Heterocoenia ; Felix, F. 1521.
eretes Rhinobatus ; Hay, O. P. 1591.
eskdalensis Aviculopecten ; Hind, W. 1801.
etheridgei Chione ; Pritchard, G. B. 1818.
ettingahauseni Palaeostachya ; Kidston, R. 1845.
Eubiodyctes n. gen. Hay, O. P. 1591.
euboea Quercus ; Palibin, I. 1772.
euglyphoides Strophonella ; Chapman, F. 1430.
Eumorphotis n. subgen. Bittner, A. 1377.
europhila Placosmilia ; Felix, J. 1521.
euteiches Aplosmilia ; Felix, J. 1522.
evanescens Pleurotoma ; Casey, T. L. 1427.
evolutior Dinarites ; Kittl, E. 1656.
excreescens Cardita ; Pritchard, G. B. 1818.
exiguus Euomphalus ; Kindle, E. M. 1651.
exortiva Trigonia ; Kitchin, F. L. 1654.
expansa n. var. Dekayia ulrichi ; Cumings, E. R. 1467.
expansum Cyrtoceras ; Kindle, E. M. 1651.
extincta Kustarachne ; Melander, A. L. 1722.
extensa Cheliphlebia ; Melander, A. L. 1722.
facetus Gennaeocrinus ; Greene, G. K. 1570.
fairchildi Euomphalus ; Clarke, J. M. & Ruedemann, R. 1444.
fajumensis Podocnemis ; Andrews, C. W. 1328A.
falax Navicula ; Pantocsek, J. 1778.
fallax Rhabdophyllia ; Oppenheim, P. 1762.
falsus Phos ; Casey, T. L. 1427.
famelica Scobinella ; Casey, T. L. 1427.
farcimen Gyroceras ; Clarke, J. M. & Ruedeman, R. 1444.
farri Unio ; Stanton, T. W. 1938.
fastidiosa Metula ; Casey, T. L. 1427.
fastigatus Ptychites ; Diener, C. 1434.
favosoides Truncatulina ; Egger, J. G. 1503.
ferdinandi Leucochilus ; Andreae, A. 1326.
fergusi Protesuchus ; Broom, R. 1407.
fergusoni Notasaphus ; Gregory, J. W. 1572.
ferox Scymnosaurus ; Broom, R. 1406.
filarszkyi Navicula ; Pantocsek, J. 1778.
fimbriata Conularia ; Walther, K. 2017.
fimbriatus Aviculopecten ; Hind, W. 1801.
fischeri Carychium ; Boettger, O. 1335.
fontis Cylindrodon ; Douglass, E. 1488.
formosus Aipichthys ; Hay, O. P. 1591.
forojuliensis Brissopsis ; Oppenheim, P. 1762.
 ——— Heliastrea ; Oppenheim, P. 1762.
fossilis Amastra ; Baldwin, D. D. 1345.
 ——— Oleacina ; Andreae, A. 1326.
Fossopora n. gen. Etheridge, R. 1513.
fragilis Metula ; Casey, T. L. 1427.
 ——— n. var. Pecten]latiauritus ; Arnold, R. 1342.
franciscæ Melanopsis ; Brusina, S. 1414.
frechi Azeka ; Andreae, A. 1326.

- fritschi* Spalax; Nehring, A. 1737.
 ——— Anthracosiro; Pocock, R. I. 1805.
fructicosa Gumbelina; Egger, J. G. 1503.
fuchsi Heterocoenia; Felix, J. 1521.
fuchsi Rhynchonella; Bittner, A. 1378.
fungiferus Dolatocrinus; Greene, G. K. 1570.
futtereri Leda; Böhm, J. 1852.
ga'ensis Radiolites; Dacqué, E. 1468.
ganti Popanoceras; Smith, J. P. 1930.
gaudryi Protetraceros; Schlosser, M. 1869.
gummellaro Pecten; Remeš, M. 1837.
Gemündina n. gen. Traquair, R. H. 1982.
germanica Phlyctaenaspis; Traquair, R. H. 1982.
germanus Urenchelys; Hay, O. P. 1591.
geyeri Aulacothyrus; Bittner, A. 1378.
gibba Circophyllia; Oppenheim, P. 1762.
gigantea Hyaena; Schlosser, M. 1869.
gigas Paracamelus; Schlosser, M. 1869.
girvanensis Agnostus; Reed, F. R. C. 1829.
 ——— n. var. Remopleurides; Reed, F. R. C. 1829.
globularis Sphaerocyatites; Schuchert, C. 1885.
Glyptotherium n. gen. Osborn, H. F. 1768.
goleana Natica; Dacqué, E. 1468.
gordoni Pseudocrinites; Schuchert, C. 1885.
gracilidens Pseudobos; Schlosser, M. 1869.
gracilis Fenestella; Condra, G. E. 1454.
 ——— Lasmogyra; Felix, J. 1521.
gracilis Spiroplecta; Egger, J. G. 1503.
 ——— Szechenyia; Pantocsek, J. 1778.
 ——— Trigonina; Kitchin, F. L. 1654.
grahami Schuchertites; Smith, J. P. 1930.
grammatospira Odostomia; Arnold, R. 1342.
grandis Leptograptus; Elles, G. L. & Wood, E. M. R. 1507.
granosa n. var. Trigonina semiundulata; Pritchard, G. B. 1818.
granulata Darányia; Lörenthey, E. 1691.
granulatus Eugeniocrinus; Remeš, M. 1837.
granuliferus Calceocrinus; Greene, G. K. 1570.
grata Cymbella; Pantocsek, J. 1778.
greeni n. var. Spirifer gregarius; Kindle, E. M. 1651.
gregalis Aulacothyrus; Bittner, A. 1378.
gregarius Tragoceros; Schlosser, M. 1869.
Griphopithecus n. gen. Abel, O. 1314.
groenlandica Hoploparia; Ravn, J. P. J. 1823.
gumbeli Tellina; Dreger, J. 1496.
Gumbelina n. gen. Egger, J. G. 1503.
gürichi Aganides; Frech, F. 1543.
 ——— Planorbis; Andreae, A. 1326.
gunyoungensis Lucina; Pritchard, G. P. 1818.
gurleyi Prolecanites; Smith, J. P. 1930.
Gyralina n. subgen. Andreae, A. 1326.
habereri Rhinoceros; Schlosser, M. 1869.
Hadraclina n. gen. Melander, A. L. 1722.
haeringense Cardium; Dreger, J. 1496.

- laeringensis* Glycimeris; Dreger, J. 1496.
 ——— Lima; Dreger, J. 1496.
 ——— Nucula; Dreger, J. 1496.
 ——— Solenomys; Dreger, J. 1496.
halavatsi Limaesa; Gorjanović-Kramberger, K. [Dragutia]. 1559.
halli Glycimeris; Pritchard, G. B. 1818.
halmopotis Stephanocoenia; Felix, J. 1522.
hamata Stenoprotome; Hay, O. P. 1591.
hammeri Pecten; Bittner, A. 1378.
handella Pleurotoma; Casey, T. L. 1427.
hanoverensis Nucula; Kindle, E. 1651.
Haplocanthus n. gen. Hatcher, J. B. 1585.
Hapsiphyllum n. gen. Simpson, G. B. 1921.
harlowtonensis Campeloma; Stanton, T. W. 1938.
harmonica Drillia; Casey, T. L. 1427.
hartleyi Jaekelocystis; Schuchert, C. 1885.
haugi Tornoceras; Frech, F. 1543.
hazayi Melanopsis; Brusina, S. 1414.
heerii Myrica; Berry, E. W. 1368.
hegyesina Diplocoenia; Volz, W. 2012.
helense Eucrotaphus; Douglass, E. 1488.
Helicoerinus n. gen. Chapman, F. 1429.
Helicoprion n. gen. Van de Wiele, C. 1997.
herbichii Aviculopecten; Bittner, A. 1378.
hercynicus Inoceramus; Petrascheck, W. 1793.
hermanni Ornitholestes; Osborn, H. F. 1767.
herzegowinensis Madrepora; Oppenheim, P. 1762.
hesperia Clemmys; Hay, O. P. 1589.
hesperus Stenocofiber; Douglass, E. 1488.
heterophanus Tirolites; Kittl, E. 1656.
heteropora Stenopora; Condra, G. E. 1454.
hexacnema Baryhelix; Felix, J. 1522.
hibschii Melosira; Reichert, H. 1831.
hilarionis Cytherea; Oppenheim, P. 1762.
hildesiense Rhizokorallium; Menzel, H. 1723.
hilgardi Pleurotoma; Casey, T. L. 1427.
hilli Nautilus; Shattuck, G. B. 1906.
 ——— Waagenoceras; Smith, J. P. 1930.
hiram Sclerorhynchus; Hay, O. P. 1591.
hispidia Trigonina; Kitchin, F. L. 1654.
hochstetteri Baculites; Liebus, A. 1687.
hoeferi Psammobia; Oppenheim, P. 1762.
 ——— Terebratula; Oppenheim, P. 1762.
hoernesii Astrocoenia; Oppenheim, P. 1762.
 ——— Axoseris; Oppenheim, P. 1762.
 ——— Thracia; Oppenheim, P. 1762.
hollickii Laurus; Berry, E. W. 1369.
 ——— Quercus; Berry, E. W. 1369.
 ——— Viburnum; Berry, E. W. 1368.
Hololobus n. subgen. Kittl, E. 1656.
holopiformis Eugeniocrinus; Remeš, M. 1837.
holzapfeli Tornoceras; Frech, F. 1543.

- Homalophyllum* n. gen. Simpson, G. B. 1921.
- hoverni* Mangilia; Arnold, R. 1342.
- n. var. *Nassa versicolor*; Arnold, R. 1342.
- *Pleurotoma*; Arnold, R. 1342.
- horribilis* Hadrachne; Melander, A. L. 1722.
- *Machairodus*; Schlosser, M. 1869.
- hundsheimensis* n. form *Rhinoceros*; Toulou, F. 1975, 1977.
- hungarica* Disiphonia; Pantocsek, J. 1778.
- *Eunotia*; Pantocsek, J. 1778.
- *Semseyia*; Pantocsek, J. 1778.
- Hyaenognathus* n. gen. Merriam, J. C. 1727.
- hyatti* Barroisiceras; Shattuck, G. 1906.
- *Schistoceras*; Smith, J. P. 1930.
- hybridus* Tirolites; Kittl, E. 1656.
- hyotherioides* Sus; Schlosser, M. 1869.
- Ictidosaurus* n. gen. Broom, R. 1406.
- illyrica* Lucina; Oppenheim, P. 1762.
- *rhynchonella*; Bittner, A. 1378.
- illyricum* Cardium?; Oppenheim, P. 1762.
- imbellis* Sardinia; Hay, O. P. 1590.
- imperiale* Cerithium; Oppenheim, P. 1762.
- incarinatus* n. var. *Dolatocrinus excavatus*; Greene, G. K. 1570.
- incisus* Cribroblastus; Hambach, G. 1577.
- incurvata* Aulacothyrus; Bittner, A. 1378.
- *Rhynchopora*; Neviani, A. 1741.
- indianense* Gyroceras; Kindle, E. M. 1651.
- indianensis* n. var. *Gypidula romingeri*; Kindle, E. M. 1651.
- indistinctus* Petromartus; Melander, A. S. 1722.
- inequalis* Aviculopecten; Hind, W. 1601.
- infelix* Buxaelurus; Mathew, W. D. 1719.
- inflata* Ribeiria; Schubert, R. J. & Waagen, L. 1881.
- inflatus* Protegnocyon; Hatcher, J. B. 1582.
- inflectus* Placotrochus; Dennant, J. 1474.
- infracompressus* Trochocyathus; Dennant, J. 1474.
- infralissica* Ampullospira; Chartron & Cossmann. 1431.
- *Exelissa*; Chartron & Cossmann. 1431.
- insignis* Coccodus; Hay, O. P. 1591.
- instabilis* Asaphus; Reed, F. R. C. 1820.
- intacta* Pleurotoma; Casey, T. L. 1427.
- intermedia* Mitromorpha; Arnold, R. 1342.
- *Pseudomonotis*; Bittner, A. 1377.
- *Valenciennesia*; Gorjanović-Kramberger, K. [Dragutin]. 1559.
- intermedius* n. var. *Glycimeris balli*; Pritchard, G. B. 1818.
- *Pseudobos*; Schlosser, 1869.
- interruptus* Aviculopecten; Bittner, A. 1378.
- intracostata* Clymenia; Frech, F. 1543.
- invidiosa* Arca; Casey, T. L. 1427.
- irideum* Epitornoceras; Frech, F. 1543.
- *Tornoceras*; Frech, F. 1543.
- irregularis* Cryptocoenia; Volz, W. 2012.
- jacksoni* Romingeria; Beecher, C. 1358.
- Jaekelocystis* n. gen. Schuchert, C. 1885.

- jeffersoni* Sciurus; Douglass, E. 1488.
johnsoni Drillia; Arnold, R. 1342.
jonesi Desmoceras; Gregory, J. W. 1575.
jordani Pecten; Arnold, R. 1342.
juglandiformis Carpolithus; Berry, E. W. 1369.
jumarensis Trigonis; Kitchin, F. L. 1654.
kalimnae Mytilicardia; Pritchard, G. B. 1818.
kalitensis Crassatella; Oppenheim, P. 1762.
katzeri Amphiclinodonta; Bittner, A. 1378.
 ——— Aviculopecten; Bittner, A. 1378.
 ——— Cardita; Oppenheim, P. 1762.
 ——— Cerithium; Oppenheim, P. 1762.
 ——— Cyrtina; Bittner, A. 1378.
 ——— Heliastrea; Oppenheim, P. 1762.
 ——— Loparia; Oppenheim, P. 1762.
kayseri Eotomaria; Clarke, J. M. & Ruedemann, R. 1444.
keepi Ocinebra; Arnold, R. 1342.
kernereri Tirolites; Kittl, E. 1656.
kidstoni Psymphyllum; Seward, A. C. 1904.
kilianii Prolecanites; Frech, F. 1543.
kilmoriensis Beyrichia; Chapman, F. 1429.
kingicolidis Crassatellites; Pritchard, G. B. 1818.
Kionelasma n. gen. Simpson, G. B. 1921.
kirghisensis Aucella; Sokolov, D. N. 1932.
kirki Pentremites; Hambach, G. 1577.
kiseljaki Valenciennesia; Gorkjanović-Kramberger, Karl [Dragutin]. 1559.
kittliana Elasmocoenia; Felix, J. 1521.
kittlii Cerithium; Oppenheim, P. 1762.
 ——— Pseudomonotis; Bittner, A. 1377.
 ——— Spirigera; Bittner, A. 1378.
 ——— Terebratula; Bittner, A. 1378.
knechti n. var. Margarita optabilis; Arnold, R. 1342.
kobyi Dimorphastraea; Felix, J. 1522.
kochi Euclastes?; Lörenthey, I. 1693.
 ——— n. var. Planorbis multiformis. Kormos, T. 1666.
koeneni Maeneceras; Frech, F. 1543.
kokeni Tragoceros?; Schlosser, M. 1869.
konjavacensis Serpula; Oppenheim, P. 1762.
koprionicensis Antedon; Remeš, M. 1837.
kossmati Hydnophora; Felix, J. 1521.
krafftii Terebratula; Bittner, A. 1378.
krasseri Schizoneura; Seward, A. C. 1904.
kumiana Alrus; Palibin, I. 1772.
Laccophyllum n. gen. Simpson, G. B. 1921.
laevigata Bythocythere; Egger, J. G. 1504.
laevis Dinarites; Tommasi, A. 1972.
 ——— Leiorhynchus; Gürich, G. 1576.
 ——— Obliquipecten; Hind, W. 1601.
 ——— Palaeolima; Hind, W. 1601.
 ——— Telphusograpsus; Lörenthey. 1690.
langhofferi Valenciennesia; Gorkjanović-Kramberger, K. [Dragutin]. 1559.
laqueata Corbula; Casey, T. L. 1427.
lata Craniella; Chapman, F. 1430.
 ——— Gumbelina; Egger, J. G. 1503.

- latecaudatus* Lithophagus; Pritchard, G. B. 1818.
laterecristata Serpula; Oppenheim, P. 1702.
lateseptatus Prolecanites; Frech, F. 1543.
latifrons Saurichthys; Philippi, E., Jaekel, O., Volz, W. & Frech, F. 1798.
latifundia Turbonilla; Arnold, R. 1342.
laticus Lingula; Chapman, F. 1430.
latiscutatus Dercetis; Woodward, A. S. 2041.
latisinuata Diploria; Felix, J. 1521.
latistellata Litharæa; Felix, J. 1521.
latona Montdivaltia; Felix, J. 1521.
latus Leptograptus; Elles, G. L. & Wood, E. M. R. 1507.
laubei Inoceramus; Liebus, A. 1687.
le-beli Cyclammina; Herrmann, A. 1597.
leia Batostomella; Condra, G. E. 1454.
lepidoides Poacites; Engelhardt. 1509.
lepidosteoides Saurichthys; Philippi, E., Jaekel, O., Volz, W. & Frech, F. 1798.
Leptocheirus n. gen. Merriam, J. C. 1726.
leptogramma Trochosmilæa; Felix, J. 1521.
leptomeres Centrastræa; Felix, J. 1522.
leptophyes Comoseris; Felix, J. 1522.
leptophylla Thamnastræa; Felix, J. 1521.
Leptoplesictis n. gen.; Major, C. I. F. 1710.
leptus Hyolithes; Chapman, F. 1429.
leslii Bothrodendron?; Seward, A. C. 1904.
levispinosus Pycnosterinx; Hay, O. P. 1591.
liassina Nuculina; Bistram, A. 1375.
libyca Stereochelys; Andrews, C. W. 1328a.
lienenklausei Eucythere; Egger, J. G. 1504.
ligatura Beyrichia; Chapman, F. 1429.
lilydalensis Stropheodonta; Chapman, F. 1430.
limnaeoides Valenciennesia; Gorjanovič-Kramberger, K. [Dragutin]. 1559.
Limnænetes n. gen. Douglass, E. 1488.
linae Nautilus; Airaghi, C. 1319.
lineare Platyceras; Kindle, E. M. 1651.
lineopunctata Cythere; Egger, J. G. 1504.
lipoldi Pseudomonotis; Bittner, A. 1377.
litchfieldensis Rhynchonella (?) ; Schuchert, C. 1883.
lithodes Thamnastræa; Felix, J. 1521.
lithothamniodes Aulopsammia; Felix, J. 1521.
lobata n. var. Dekayia ulrichi; Cumings, E. R. 1467.
loczyi Erisocrinus; Katzer, F. 1640.
 ——— Pleurotomaria; Schellwien, E. 1866.
loeffelholzii Aulacothyrus; Bittner, A. 1378.
loeschmanni Tornoceras; Frech, F. 1543.
longibrachiatus Botryocrinus; Chapman, F. 1429.
longispina Nodosarca; Egger, J. G. 1503.
loomisi Proterix; Matthew, W. D. 1720.
loparense Cerithium; Oppenheim, P. 1762.
Loparia n. gen. Oppenheim, P. 1762.
lophiophora Latimæandræa; Felix, J. 1521.
lophodes Cystodictya; Condra, G. E. 1454.
Lopholasma n. gen. Simpson, G. B. 1921.

- lorioli Antedon; Remes, M. 1837.
 louisvillensis Eridophyllum; Greene, G. K. 1570.
 lowei Turbonilla; Arnold, R. 1342.
 loxocolpum Paracerithium; Chartron & Cossman. 1431.
 lucasi Brachanchenius; Lucas, F. A. 1703.
 lukovicense Cerithium; Oppenheim, P. 1762.
 lutea n. var. Trigonina semiundulata; Pritchard, G. B. 1818.
 lydekkeri Mastodon; Schlosser, M. 1869.
 macer n. var. Leptograptus flaccidus; Elles, G. L. & Wood, E. M. R. 1507.
 macilentus n. var. Leptograptus flaccidus; Elles, G. L. & Wood, E. M. R. 1507.
 ——— Phos. Casey, T. L. 1427.
 macconochiei Pinakodendron; Kidston, R. 1645.
 maccoyi Rhinopterocarid; Chapman, F. 1429.
 ——— Siphonotreta; Chapman, F. 1429.
 maccus Cerithium; Oppenheim, P. 1762.
 macer Scobinella; Casey, T. L. 1427.
 mackayi Lycosuchus; Broom, R. 1406.
 madelangi Proneusticosaurus; Volz, W. 2011.
 magnifica Retzia; Bittner, A. 1378.
 magnificus Globoblastus; Hambach, G. 1577.
 magniventrus n. var. Megistocrinus expansus; Greene, G. K. 1570.
 majevitzae Melania; Oppenheim, P. 1762.
 major Placocoenia; Felix, J. 1521.
 ——— Solenopsis; Hind, W. 1603.
 ——— Stephanocoenia; Felix, J. 1522.
 majori Dipholdes; Schlosser, M. 1869.
 malici Bittnerites; Kittl, E. 1656.
 ——— Tirolites; Kittl, E. 1656.
 mamillata Trigonina; Kitchin, F. L. 1654.
 mammillata Coelostylina; Chartron & Cossman. 1431.
 Mancana n. gen. Lucas, F. A. 1704.
 manganophila Rhynchonella; Bittner, A. 1378.
 mannhardi n. form. Ovis; Toula, F. 1076.
 maplestonei Trochocyathus; Denant, J. 1474.
 margaritifera Fenestella; Chapman, F. 1430.
 marginatus Cyrtocrinus; Remes, M.
 marianii Atractites; Airaghi, C. 1319.
 ——— Pleuronautilus; Airaghi, C. 1319.
 ——— Ptychites; Airaghi, C. 1319.
 marshi Baptonodon; Knight, W. C. 1659.
 martensi Adelopoma; Andreae, A. 1326.
 martyi Paliurites; Langeron, M. 1672A.
 mattewanensis Aralia; Berry, E. W. 1369.
 ——— Pinus; Berry, E. W. 1368.
 ——— Salix; Berry, E. W. 1369.
 mattiaca Hyalinia; Boettger, O. 1385.
 matutina Spirigera; Bittner, A. 1378.
 maudensis Crassatellites; Pritchard, G. B. 1818.
 maxima Dieconeura; Melander, A. L. 1722.
 maximum Coccophyllum; Volz, W. 2012.
 maximus Agriochœrus; Douglass, E. 1488.
 ——— Dercetis; Woodward, A. S. 2041.
 mazonus Eucænus; Melander, A. L. 1722.

- mediaevus* Apternodus ; Matthew, W. D. 1719.
Megablattina n. gen. Sellards, E. H. 1897.
megarhyncha Spiriferina ; Bittner, A. 1378.
melbournensis Chonetes ; Chapman, F. 1430.
melissensis Spirifer ; Enderle, J. 1508.
Meniscophyllum n. gen. Simpson, G. B. 1921.
mentzeliae Pecten ; Bittner, A. 1378.
meridionalis Spiriferina ; Bittner, A. 1378.
merriami Drillia ; Arnold, R. 1342.
mesaliaeformis Coelostylina ; Chartron & Cossmann. 1431.
micastraea Phillipsaestrea ; Penecke, K. A. 1787.
microdon Sns ; Schlosser, M. 1869.
Microdrillia n. gen. Casey, T. L. 1427.
microglossa Spiriferina ; Bittner, A. 1378.
microphyes Pachygyra ; Felix, J. 1521.
 ——— Trochocyathus ; Felix, J. 1521.
micropora Craticularia ; Ungern-Sternberg, E. 1993.
Micropternodus n. gen. Matthew, W. D. 1719.
miliacea Pseudomelania ; Chartron & Cossmann. 1431.
Milleporidium n. gen. Steinmann, G. 1948.
minima Chama ; Remeš, M. 1837.
 ——— Columbella ; Arnold, R. 1342.
 ——— Gaudryina ; Egger, J. G. 1503.
minimus Agriochœrus ; Douglass, E. 1488.
minor Eumys ; Douglass, E. 1488.
 ——— Romingeria ; Beecher, C. E. 1358.
 ——— Trachelomonas ; Palmer, T. 1773.
minuta Dimorphina ; Egger, J. G. 1503.
minutissima Microdrillia ; Casey, T. L. 1427.
minutum Meniscophyllum ; Simpson, G. B. 1921.
minutus Hyænodon ; Douglass, E. 1488.
miocaenica Hyalina ; Andreae, A. 1326.
mira Aulacothyris ; Bittner, A. 1378.
mirum Heliophyllum ; Greene, G. K. 1570.
mittereri Lima ; Dreger, J. 1496.
mojsisovicsi Gymnites ; Diener, C. 1484.
molengraaffi Trigonina ; Newton, R. B. 1746.
mollense Cyphosoma ; Paulcke, W. 1781.
molyneuxi Acrolepis ; Woodward, A. Smith. 2046.
monoptychus Hololobus ; Kittl, E. 1656.
 ——— Tirolites ; Kittl, E. 1656.
montanaensis Viviparus ; Stanton, T. W. 1938.
montanus Hyænodon ; Douglass, E. 1488.
 ——— Stibarus ; Matthew, W. D. 1719.
montium Enchelion ; Hay, O. P. 1591.
montuosa Thamnaestrea ; Felix, J. 1521.
mooraboolensis Mytilus ; Pritchard, G. B. 1818.
moorei Paracerithium ; Chartron & Cossmann. 1431.
moravica Vulsella ; Remeš, M. 1837.
moravicus Pecten ; Remeš, M. 1837.
morlaccus Dalmatites ; Kittl, E. 1656.
mostarensis Astraeopora ; Oppenheim, P. 1762.
mülleri Pecten ; Menzel, H. 1724.

- multibrachiatus* Dolatocrinus; Greene, G. K. 1570.
multicostatus Dinarites; Kittl, E. 1656.
multiformis Ceriopora; Dacqué, E. 1468.
multinodosus Dolatocrinus; Greene, G. K. 1571.
multiseptata Lonsdaleia; Enderle, J. 1508.
multispinatus Tirolites; Kittl, E. 1656.
munieri Castresia; Stefano (De), G. 1944.
muschketowi Corbula; Böhm, J. 1852.
Mytagaulodon n. gen. Sinclair, W. J. 1922.
mysius Productus; Enderle, J. 1508.
nebrascensis n. var. *Fistulipora carbonaria*; Condra, G. E. 1454.
 ——— *Paramylodon*; Brown, B. 1412.
 ——— *Proamphicyon*; Hatcher, J. B. 1582.
neocomiensis *Acanthocoenia*; Volz, W. 2012.
Neohipparion n. gen. Gidley, J. W. 1554.
Nepheliospongia n. gen. Clarke, J. M. 1438.
neponica *Pleurotoma*; Casey, T. L. 1427.
nepos *Trigonia*; Paulcke, W. 1781.
nestor n. subsp. *Lyria*; Casey, T. L. 1427.
neurocarpa *Ficus*; Hollick, A. 1613.
newsomi *Goniatites*; Smith, J. P. 1930.
 ——— *Paralegoceras*; Smith, J. P. 1930.
 ——— *Pecten*; Arnold, R. 1342.
nissa *Rhynchonella*; Bittner, A. 1378.
nitida *Camarotoechia*; Kindle, E. M. 1651.
 ——— *Trigonia*; Kitchin, F. L. 1654.
nitidula *Rhynchonella*; Bittner, A. 1378.
nodosa n. var. *Margarita optabilis*; Arnold, R. 1342.
noduliferus *Dolatocrinus*; Greene, G. K. 1570.
Noctasaphus n. gen. Gregory, J. W. 1572.
novae-caesareae *Rhamnus*; Berry, E. W. 1369.
noveboracum *Monomerella*; Clarke, J. M. & Ruedemann, R. 1444.
obesula *Aulacothyris*; Bittner, A. 1378.
obesum *Glyphioceras*; Foord, A. H. 1528.
Obliquispecten n. gen. Hind, W. 1601.
obliquiradiata *Palaeolima*; Hind, W. 1601.
oblivia *Pleurotoma*; Casey, T. L. 1427.
obtusus *Pentremites*; Hambach, G. 1577.
occidentale *Glyphioceras*; Foord, A. H. 1528.
occidentalis-thuringiaca *Thuja*; Schlechtendal, D. von. 1867.
ocellatus *Strophochetus*; Seely, H. M. 1893.
octopartita *Goniaraea*; Oppenheim, P. 1762.
oculinaeformis *Heterocoenia*; Felix, J. 1521.
Odontophyllum n. gen. Simpson, G. B. 1921.
ogilviae *Oculina*; Felix, J. 1521.
oldroydi *Columbella*; Arnold, R. 1342.
 ——— *Mangilia*; Arnold, R. 1342.
opaculum *Dentalium*; Casey, T. L. 1427.
Opetiosaurus n. gen. Kornhuber, A. 1667-1668.
oppeli *Caryophyllia*; Remeš, M. 1837.
oppelti *Megistocrinus*; Greene, G. K. 1570.
oppoliensis *Coryna*; Andreae, A. 1326.

- orientalis* Cytherea; Oppenheim, P. 1762.
ornata Haplohelix; Felix, J. 1521.
 ——— Szechenyia; Pantocsek, J. 1778.
ornatus Globoblastus; Hambach, G. 1577.
 ——— Osmeroides; Hay, O. P. 1591.
 ——— Prodromites; Smith, J. P. 1930.
Ornitholestes n. gen. Osborn, H. F. 1767.
orthophragma Nodosaria; Egger, J. G. 1503.
ortmanni Goniobasis?; Stanton, T. W. 1938.
ortoni Estheria; Clarke, J. M. 1442.
osmana Spiriferina; Bittner, A. 1378.
osmonti Shastasaurus; Merriam, J. C. 1725.
otwayensis Plenropodia; Dennant, J. 1474.
 ——— Schismopora; Maplestone, C. M. 1711.
pachyodon Hyaeognathus; Merriam, J. C. 1727.
painei Mangilia; Arnold, R. 1342.
Palaeolima n. gen. Hind, W. 1601.
Palaeomunida n. gen. Lörenthey. 1690.
palaeopetala Magnolia; Hollick, A. 1613.
palaeosinensis Gazella; Schlosser, M. 1869.
Palaeosphaeroma n. gen. Remeš, M. 1837.
Paliguana n. gen. Broom, R. 1408.
palkowae Spirifer; Gürich, G. 1576.
palmatus Thamniscus; Condra, G. E. 1454.
Palmozylon n. gen. Wieland, G. R. 2028.
paludinoides Coelostylina; Chartron & Cossmann. 1431.
Paraboscclaphus n. gen. Schlosser, M. 1869.
Paracamelus n. gen. Schlosser, M. 1869.
Paracerithium n. gen. Chartron & Cossmann. 1431.
paradoxa Aucella; Sokolov, D. N. 1932.
Paralytoceras n. subgen. Frech, F. 1543.
Paramylodon n. gen. Brown, B. 1412.
pardalina Lucina; Oppenheim, P. 1762.
paronai Ceratites; Airaghi, C. 1319.
 ——— Pleuronautilus; Airaghi, C. 1319.
Paropeonema n. gen. Clarke, J. 1437.
parva Trigonina; Kitchin, F. L. 1654.
parvipora Fenestella; Condra, G. E. 1454.
parvistella Styliina; Volz, W. 2012.
parvus Cidaroblastus; Hambach, G. 1577.
pastrovicchiana Rhynchonella; Bittner, A. 1378.
patazena Rhynchonella; Bittner, A. 1378.
paterculus Cynodictis; Matthew, W. D. 1719.
patronus Protophragmoceras; Clarke, J. M. & Ruedemann, R. 1444.
paucicostatus n. var. Glycimeria halli; Pritchard, G. B. 1818.
paucispinatus Tirolites; Kittl, E. 1656.
pavlovi Aucella; Sokolov, D. N. 1932.
pectinata Cardiola; Walther, K. 2017.
pedroana n. var. Callista sub-diaphana; Arnold, R.
 ——— n. var. Mangilia interfossa; Arnold, R. 1342.
 ——— n. var. Margarita parcipicta; Arnold, R. 1342.
 ——— Pleurotoma; Arnold, R. 1342.
 ——— Trophon; Arnold, R. 1342.

- pedroana* n. var. *Turbonilla lowei*; Arnold, R. 1342.
pedroensis *Caryophyllia*; Arnold, R. 1342.
 ——— *Paracyathus*; Arnold, R. 1342.
pellucida *Hyperammina*; Schubert, R. J. 1874.
penecke *Melanatria*; Oppenheim, P. 1762.
pentalopha *Turbonilla*; Arnold, R. 1342.
peracuta *Cylindrobullina*; Chartron & Cossman. 1431.
percorrugata Unio; Whitfield, R. P. 2026.
percostatus *Tirolites*; Kittl, E. 1656.
perdewi *Pseudocrinites*; Schuchert, C. 1885.
peregrinus *Arietites*; Fucini, A. 1547.
perelegans *Actinacis*; Oppenheim, P. 1752.
pergamena *Murchisonia*; Enderle, J. 1508.
pernodosus *Dolatocrinus*; Greene, G. K. 1570.
perpusilla *Rhynchonella*; Bittner, A. 1378.
perrini *Shastasaurus*; Merriam, J. C. 1725.
pertenuis *Sagenodus*; Eastman, C. R. 1499.
peruana n. var. *Trigonia crenulata*; Paulcke, W. 1781.
pervulgatus *Pecten*; Bittner, A. 1378.
petiolus *Haplophragmium*; Egger, J. G. 1503.
Petromartus n. gen. *Melander*, A. L. 1722.
pileum n. var. *Platyceras dumosum*. Kindle, E. M. 1651.
pilsbryi *Tellina*; Casey, T. L. 1427.
pinatus *Thamniscus*; Condra, G. E. 1454.
piracanensis *Spirifer*; Katzer, F. 1640.
Placophyllum n. gen. *Simpson*, G. B. 1921.
plaga *Cerithium*; Oppenheim, P. 1762.
planicallosum *Endiansaulax*; Chartron & Cossman. 1431.
planicostatus *Trochocyathus*; Denant, J. 1474.
planilabium *Ataphrus*; Chartron & Cossman. 1431.
planoconvexa *Waldheimia*; Bittner, A. 1378.
planus *Cordaicarpus*; Kidston, R. 1645.
platycephala *Limninetes*; Douglass, E. 1488.
plesictoides *Genetta*; Bate, D. M. A. 1352.
Pleuropodia n. gen. *Dennant*, J. 1474.
pliocaenica *Pelomedusa*; Reinach, A. von. 1833.
pliocaenicus *Trionyx*; Reinach, A. von. 1833, 1834.
plocophorum *Procerithium*; Chartron & Cossman. 1431.
plumosus *Helicocrinus*; Chapman, F. 1429.
pluriplicata *Scobinella*; Casey, T. L. 1427.
plutonica *Pleurotoma*; Casey, T. L. 1427.
podocnemoides *Stereogenys*; Reinach, A. von. 1833, 1834.
poechi *Orthotichia*; Katzer, F. 1640.
polygonum *Dentalium*; Casey, T. L. 1427.
polyporoides *Fenestella*; Condra, G. E. 1454.
polyspinosa *Stenopora*?; Condra, G. E. 1454.
polystyla *Centrastraea*; Felix, J. 1522.
ponti *Ctenostreon*; Broili, F. 1398.
pontificale *Cerithium*; Oppenheim, P. 1762.
pontivagus *Osmeroides*; Hay, O. P. 1591.
Porthocyon n. gen. *Merriam*, J. C. 1727.
postbiplicata Unio; Whitfield, R. P. 2026.

- potamidulum* Procerithium; Chartron & Cosman. 1431.
praebidentatum Cerithium; Oppenheim, P. 1762.
praecedens Ceratiocaris; Clarke, J. M. 1442.
 ——— n. var. *Favosites helderbergiae*; Schuchert, C. 1883.
praecox Terebratula; Bittner, A. 1378.
praecursor Aganides; Frech, F. 1543.
 ——— *Beloceras*; Frech, F. 1543.
 ——— n. var. *Columbella solidula*; Arnold, R. 1342.
 ——— n. var. *Leda minuta*; Arnold, R. 1342.
 ——— *Strepsiceros*; Schlosser, M. 1869.
 ——— n. var. *Trophon stuarti*; Arnold, R. 1342.
praelonga Krithe; Egger, J. G. 1504.
praemucronata Flabellinella; Liebus, A. & Schubert, R. J. 1688.
praevaliana Aulacothyris; Bittner, A. 1378.
praeziczac Aturia; Oppenheim, P. 1764.
pratzi Haplaraea; Felix, J. 1521.
preveri Atractites; Airaghi, C. 1319.
primaeva Nelumbo; Berry, E. W. 1369.
prionoides Stacheites; Kittl, E. 1656.
prior Ceratites; Kittl, E. 1656.
 ——— *Hydnophyllia*; Oppenheim, P. 1762.
 ——— *Porocidaris*; Oppenheim, P. 1762.
 ——— *Venus*; Oppenheim, P. 1762.
priscus Haplocanthus; Hatcher, J. B. 1585.
Prismatophyllum n. gen. Simpson, G. B. 1921.
Proamphicyon n. gen. Hatcher, J. B. 1582.
proavus Joannites; Diener, C. 1484.
Procerithium n. gen. Chartron & Cosman. 1431.
proclivis Rhynchonella; Bittner, A. 1378.
procrystallina Hyalinia; Andreae, A. 1326.
profectus Leptotragulus; Matthew, W. D. 1719.
progaleata Pelomedusa; Reinach, A. von. 1833.
progonos Trigonia; Paulcke, W. 1781.
progressus Dinarites; Kittl, E. 1656.
prominensis Lucina; Oppenheim, P. 1762.
 ——— *Thracia*; Oppenheim, P. 1762.
 ——— *Turritella*; Oppenheim, P. 1762.
Proneusticosaurus n. gen. Volz, W. 2011.
propinqua Trigonia; Kitchen, F. L. 1654.
prora Trigonia; Kitchen, F. L. 1654.
Prosciurus n. sub-gen. Matthew, W. D. 1719.
prosseri Meekopora; Condra, G. E. 1454.
Protamnocyon n. gen. Hatcher, J. B. 1582.
Proterix n. gen. Matthew, W. D. 1720.
Protetraceros n. gen. Schlosser, M. 1869.
Protodietyon n. gen. Melander, A. L. 1722.
prunus Strephochetus; Seely, H. M. 1893.
pseudodiaphora Trochosmilia; Felix, J. 1521.
Pseudarietites n. gen. Frech, F. 1543.
Pseudobos n. gen. Schlosser, M. 1869.
pseudosphæricum Sporadoceras; Frech, F. 1543.
pseudospirulae Serpula; Oppenheim, P. 1762.

- Psilogyra* n. gen. Felix, J. 1521.
- puablensis* Placotrochus; Dennant, J. 1474.
- pulchellum* Glyphioceras; Foord, A. H. 1528.
- pulchra montereyi* Semele; Arnold, R. 1342.
- pulchra* Trigonia; Kitchin, F. L. 1654.
- pulchripenne* Protodictyon; Melander, A. L. 1722.
- pygmaea* Cyathophora; Volz, W. 2012.
- Cyclotella; Pantocsek, J. 1778.
- pygmaeum* Chonophyllum; Greene, G. K. 1570.
- pyriformis* Dimorphocella; Maplestone, C. M. 1711.
- Sclerocrinus; Remeš, M. 1837.
- quadrangularis* Cyrena; Oppenheim, P. 1762.
- Lima; Remeš, M. 1837.
- quadripinnis* Anguillavus; Hay, O. P. 1591.
- quinquegraneum* Procerithium; Charton & Cossmann. 1431.
- quinquepartitus* Stephanocrinus; Greene, G. K. 1570.
- radiatus* Halysites; Whitfield, R. P. 2027.
- radiolata* Krithe; Egger, J. G. 1504.
- Ramphodus* n. gen. Jaekel, O. 1622.
- raristella* Leptoseris?; Oppenheim, P. 1762.
- reclinata* Aulacothyris; Bittner, A. 1378.
- redesdalense* Pseudamysium; Hind, W. 1601.
- redlichi* Polypodium; Engelhardt, H. 1509.
- Spondylus. Oppenheim, P. 1762.
- recurva* Trigonia; Kitchin, F. L. 1654.
- redunca* Aulacothyris; Bittner, A. 1378.
- regulare* Rhizopoterion; Ungern-Sternberg, E. 1993.
- reissi* Exogyra; Paulcke, W. 1781.
- remeši* Actinacis; Felix, J. 1518.
- Milleporidium; Steinmann, G. 1948.
- Tetraplopora; Steinmann, 1949.
- remota* Polypora; Condra, G. E. 1454.
- Trigonia; Kitchin, F. L. 1654.
- renaudi* Drillia; Arnold, R. 1342.
- repentina* Rhynchonella; Bittner, A. 1378.
- reptans* Aulopsammia; Felix, J. 1521.
- repulsus* Tirolites; Kittl, E. 1656.
- retrorsa* Trigonia; Kitchin, F. L. 1654.
- retusoides* Unio; Whitfield, R. P. 2026.
- reversipora* Polypora; Condra, G. E. 1454.
- rhenana* Brooksella; Kinkelin, F. 1653.
- Rhinopterocaris* n. gen. Chapman, F. 1429.
- rhomboidea* Cytherea; Oppenheim, P. 1762.
- rhomboideus* Cyclolites; Oppenheim, P. 1762.
- Ribirella* n. gen. Schubert, R. J. & Waagen, L. 1881.
- richardsoni* Dionide; Reed, F. R. C. 1829.
- rimosiformis* Stignaria; Kidston, R. 1645.
- roashensis* Phyllocoenia; Dacqué, E. 1468.
- robusta* Chonetes; Chapman, F. 1430.
- Spiroplecta; Egger, J. G. 1503.
- robustula* Microdrillia; Casey, T. L. 1427.

- robustum* Oreodon; Douglass, E. 1488.
robustus Tirolites; Kittl, E. 1851.
roemerii Hyalinia; Andreae, A. 1328.
 ——— Pholadomya; Shattuck, G. B. 1906.
rogersi Araucarites; Seward, A. C. 1904.
roosevelti Pseudoniscus; Clarke, J. M. 1442.
rostockiensis Navicula; Heiden. 1592.
rostratula Microdrillia; Casey, T. L. 1427.
rotiformis Tirolites; Kittl, E. 1656.
rotula Calcarina; Egger, J. G. 1503.
rotundata Plicatula; Remeš, M. 1837.
rugosa Limnaea; Gorjanovič-Kramberger, Karl [Dragutin]. 1559.
rusticus Pentremites; Hambach, G. 1577.
runtimeyeri Cervavus; Schlosser, M. 1869.
saevus Enchodus; Hay, O. P. 1590.
salomonis Sclerorhynchus; Hay, O. P. 1591.
sanctae-monicae Bela; Arnold, R. 1342.
sardus Lophiodon; Bosco, C. 1390.
saundersii Gleichenia; Berry, E. W. 1368.
sauridens Poterioceras; Clarke, J. M. & Ruedemann, R. 1444.
saxea Clemmys; Hay, O. P. 1589.
saxonicus Inoceramus; Petrascheck, W. 1793.
scamnata Poleumita; Clarke, J. M. & Ruedemann, R. 1444.
Scenophyllum n. gen. Simpson, G. B. 1921.
schafarziki Valenciennesia; Gorjanovič-Kramberger, K. [Dragutin]. 1559.
schafferi Phillipsastraea; Penecke, K. A. 1787.
schafhaentli Natica; Oppenheim, P. 1762.
schlosseri Aviculopecten; Bittner, A. 1378.
 ——— Oculina; Felix, J. 1521.
Schoenophyllum n. gen. Simpson, G. B. 1921.
schucherti Cribroblastus; Hambach, G. 1577.
Schuchertites n. gen. Smith, J. P. 1930.
sclateri Scylacosaurus; Broom, R. 1406.
scopularis Conus; Casey, T. L. 1427.
 ——— Lucina; Casey, T. L. 1427.
scotica Schumardia; Reed, F. R. C. 1829.
scotica Limatula; Hind, W. 1601.
sculpturata Lima; Remeš, M. 1837.
sculptus Gennaeocrinus; Greene, G. K. 1570.
Scylacosaurus n. gen. Broom, R. 1406.
Scymnosaurus n. gen. Broom, R. 1406.
scythica Aucella; Sokolov, D. N. 1932.
seeleyi Deuterosaurus?; Nopcsa, F. jun. 1749.
selwyni Orbiculoidea; Chapman, F. 1430.
semibaculi Bifarina; Liebus, A. & Schubert, R. J. 1688.
sempiiana Aulacothyris; Bittner, A. 1378.
sempiianus Trochoseris; Oppenheim, P. 1762.
senckenbergianus Trionyx; Reinach, A. von. 1833. 1834.
senilis Amastra; Baldwin, D. D. 1345.
senonensis Arthraster; Valette, D. A. 1996.
 ——— Pentaceros; Valette, D. A. 1996.
sentus Sclerorhynchus; Hay, O. P. 1591.
sequax Protosphyraena; Hay, O. P. 1590.
serpentinus Leptotrachelus; Hay, O. P. 1591.

- serratelobatus* Tirolites; Kittl, E. 1656.
- serratus* Pentremites; Hambach, G. 1577.
- serrulata* Loxoconcha; Egger, J. G. 1504.
- shelbiensis* Bellerophon; Clarke, J. M. & Rudemann, R. 1444.
- shumardi* Lima; Shattuck, G. B. 1906.
- Shumardites* n. gen. Smith, J. P. 1930.
- siebenthali* Pronorites; Smith, J. P. 1930.
- signata* Cythere; Egger, J. G. 1504.
- signifer* Ctenothrissa; Hay, O. P. 1591.
- significans* Microdiscus; Etheridge, R. 1517.
- sikorai* Melanopais; Brusina, S. 1414.
- silberlingi* Goniobasis?; Stanton, T. W. 1938.
- silesiacus* Proneusticosaurus; Volz, W. 2011.
- Pseudarietites; Frech, F. 1543.
- silex* Haplophragmium; Egger, J. G. 1503.
- simondsi* Shumardites; Smith, J. P. 1930.
- simulatrix* Aulacothyris; Bittner, A. 1378.
- sinensis* Alcicephalus; Schlosser, M. 1869.
- Palaeoreas?; Schlosser, M. 1869.
- Vulpes; Schlosser, M. 1869.
- sinuosa* Stenogyra; Felix, J. 1521.
- sliacsensis* Cymbella; Pantocsek, J. 1778.
- smithi* Pleurotoma; Arnold, R. 1342.
- Terebratalia; Arnold, R. 1342.
- Solenomorpha* n. gen.; Cockerell, T. D. A. 1449.
- Solenopora* n. gen. Maplestone, C. M. 1711.
- solidula* Microdrillia; Casey, T. L. 1427.
- solitaria* Spiriferina; Bittner, A. 1378.
- soror* Aulacothyris; Bittner, A. 1378.
- sparsa* Aulacothyris; Bittner, A. 1378.
- spathatus* Globoblastus; Hambach, G. 1577.
- speciosus* Cervavus; Schlosser, M. 1869.
- spectabilis* Tragoceros; Schlosser, M. 1869.
- sphaericus* Bellerophon; Walther, K. 2017.
- Sphenoceras* n. subgen. Foord, A. H. 1528.
- spiculifera* Trachelomonas; Palmer, T. 1773.
- spirea* Cythere; Egger, J. G. 1504.
- spinifer* n. var. Leptograptus flaccidus; Elles, G. L. & Wood, E. M. R. 1507.
- spiniferus* n. var. Gennaeocrinus comptus; Greene, G. K. 1570.
- spinosa* n. var. Platyceras rictum. Kindle, E. M. 1651.
- Pseudocythere; Egger, J. G. 1504.
- Trachelomonas; Palmer, T. 1773.
- spinosior* Tirolites; Kittl, E. 1656.
- spinuliferus* n. var. Megistocrinus rugosus; Greene, G. K. 1570.
- spinulosa* Fenestella; Condra, G. E. 1454.
- spinulosum* Haplophragmium; Egger, J. G. 1503.
- spissicostata* Trigonina; Kitchin, F. L. 1654.
- splendens* Thuramina; Egger, J. G. 1503.
- spongilla* Astrocoenia; Oppenheim, P. 1762.

- springeri Dolatocrinus; Greene, G. K. 1570.
 spryi Lingula; Chapman, F. 1430.
 stachei Frondicularia; Liebus, A. & Schubert, R. J. 1688.
 ——— Heterocoenia; Felix, J. 1521.
 ——— Murchisonia; Enderle, J. 1508.
 ——— Pseudomonotis; Bittner, A. 1377.
 ——— Tirolites; Kittl, E. 1656.
Stacheites n. gen. Kittl, E. 1656.
 stampai Proarcestes; Airaghi, C. 1319.
 stanbi Melanopsis; Brusina, S. 1414.
 stantoni Pleurotomaria; Shattuck, G. B. 1906.
 stearnsii Odostomia; Arnold, R. 1342.
 ——— Turbonilla; Arnold, R. 1342.
 stehleni Sus; Schlosser, M. 1869.
 steinmanni Eudictyon; Bistram, A. 1375.
 ——— Phlyctenodes; Lörenthey. 1690.
 stellata Cellepora; Maplestone, C. M. 1711.
 stellatus Psendocrinites; Schuchert, C. 1885.
Stenoprotome n. gen. Hay, O. P. 1591.
Stereolasma n. gen. Simpson, G. B. 1921.
 stokesi Glyphaea; Weller, S. 2023.
 ——— Paludestrina; Arnold, R. 1342.
Stolzenburgiella n. sub-gen. Bittner, A. 1378.
 stoppanii Pinacoceras; Airaghi, C. 1319.
 stormbergensis Baiera; Seward, A. C. 1904.
 ——— Callipteridium; Seward, A. C. 1904.
 strambergense Sphaeroma; Remeš, M. 1837.
 strambergensis Pecten; Remeš, M. 1837.
 ——— Placunopsis; Remeš, M. 1837.
 strenuum Dentalium; Casey, T. L. 1427.
Strephochetus n. gen. Seely, H. M. 1893.
 striatula Gastrochaena; Aldrich, T. H. 1321.
 stromeri Podocnemis; Reinach, A. von. 1833, 1834.
 strongi Mangilia; Arnold, R. 1342.
 stürztzi Gemündina; Traquair, R. H. 1882.
 styriacus Hippurites; Hilber, V. 1600.
 subangularis Alveolites; Greene, G. K. 1570.
 subcirculare Platyceras; Kindle, E. M. 1651.
 subfrondosa Dekayia; Cumings, E. R. 1467.
 subfunatum Cerithium; Oppenheim, P. 1762.
 subillyricus Tirolites; Kittl, E. 1656.
 subquadratum Glyphioceras; Foord, A. H. 1528.
 subquadrilaterus Proroporus; Liebus, A. & Schubert, R. J. 1688.
 subradiatus Trinucleus; Reed, F. R. C. 1829.
 subreticulatum Glyphioceras; Foord, A. H. 1528.
 subrollei Actinacis; Oppenheim, P. 1762.
 subrudis Fenestella; Condra, G. E. 1454.
 subtiara Cerithium; Oppenheim, P. 1762.
 subtilis Calanophyllia; Oppenheim, P. 1762.
 subtruncatum Glyphioceras; Foord, A. H. 1528.
 suessi Griphopithecus; Abel, O. 1314.
 sulcata Kustarachne; Melander, A. L. 1722.
 sulcifera Cythere; Egger, J. G. 1504.

- sulzensis* n. form *Vaginulina*; Herrmann, A. 1596.
- supina* *Aulacothyris*; Bittner, A. 1378.
- supradevonicum* *Thamnophyllum*; Penecke, K. A. 1787.
- surgens* *Proroporus*; Egger, J. G. 1503.
- susedana* *Quercus*; Palibin, I. 1772.
- suspecta* *Terebratula*; Bittner, A. 1378.
- svilajanus* *Kymatites*; Kittl, E. 1656.
- Soilajites* n. subgen. Kittl, E. 1656.
- sylvaticus* *Tragoceros*; Schlosser, M. 1869.
- Synaptophyllum* n. gen. Simpson, G. B. 1921.
- Szechenyia* n. gen. Pantocsek, J. 1778.
- tabulatum* *Placophyllum*; Simpson, G. B. 1921.
- tanguticus* *Xenodiscus*; Schellwien, E. 1865, 1866.
- tapajotensis* *Griffithides*; Katzer, F. 1640.
- tapeti* *Cerithium*; Oppenheim, P. 1762.
- taramellii* *Ptychites*; Airaghi, C. 1319.
- tatei* *Nilssonina*; Seward, A. C. 1904.
- taxipater* *Meles*; Schlosser, M. 1869.
- tectiformis* *Eucyclus*; Chartron & Coesmann. 1431.
- *Orthis*; Walther, K. 2017.
- telleri* *Bittnerites*; Kittl, E. 1656.
- *Psilogyra*; Felix, J. 1521.
- *Tirolites*; Kittl, E. 1656.
- Telphusograpsus* n. gen. Lörenthey. 1690.
- temnodon* *Palaeolagus*; Douglass, E. 1488.
- tenuifolius* *Populites*; Berry, E. W. 1369.
- tenuis* *Criobroblastus*; Hambach, G. 1577.
- *Sclerocrinus*; Remeš, M. 1837.
- tenuis* *Trigonia*; Kitchin, F. L. 1654.
- tenuistriata* *Arca*; Remeš, M. 1837.
- tenuistriatus* *Criobroblastus*; Hambach, G. 1577.
- Teratorhynchus* n. subgen. Reed, F. R. C. 1829.
- terebialis* *Promathidia*; Chartron & Coesmann. 1431.
- tergestina* *Madrepora*; Oppenheim, P. 1762.
- tergestinus* *Pericosmus*; Oppenheim, P. 1762.
- terquemi* *Endiataenia*; Chartron & Coesmann. 1431.
- tertiaria* *Pleurotomaria*; Pritchard, G. B. 1819.
- tetragona* *Saccocaris*; Chapman, F. 1429.
- Tetraploporella* n. gen. Steinmann. 1949.
- tetrodon* *Ramphodus*; Jaekel, O. 1622.
- texana* *Anatina*; Shattuck, G. B. 1906.
- *Orbicella*?; Vaughan, T. W. 2008.
- *Parasmilia*; Vaughan, T. W. 2008.
- texanum* *Barroisiceras*; Shattuck, G. B. 1906.
- *Cerithium*?; Shattuck, G. B. 1906.
- *Dimorphoceras*; Smith, J. P. 1930.
- *Glyptotherium*; Osborn, H. F. 1768.
- texanus* *Fusus*; Shattuck, G. B. 1906.
- *Platygonus*; Gidley, J. W. 1555.
- textilis* *Thecospira*; Bittner, A. 1378.
- thebensis* *Pleurotomaria*; Oppenheim, P. 1764.
- thedfordensis* n. var. *Spirifer mucronatus*; Shimer, H. W. & Grabau, A. W. 1912.
- themaki* *Melanopsis*; Brusina, S. 1414.

- thomsoni* Ictops; Matthew, W. D. 1719.
tietzei Svilajites; Kittl, E. 1656.
 ——— Tirolites; Kittl, E. 1656.
tirolitoides Dinarites; Kittl, E. 1656.
titanelix Peratherium; Matthew, W. D. 1719.
tithonia Plicatula; Remeš, M. 1837.
tithonius Eugeniocrinus; Remeš, M. 1837.
tommasii Atractites; Airaghi, C. 1319.
 ——— Nautilus; Airaghi, C. 1319.
Toretocnemus n. gen. Merriam, J. C. 1726.
torquata Serpula; Remeš, M. 1837.
tortuosa Lasmogyra; Felix, J. 1521.
tothi Melanopsis; Brusina, S. 1414.
toulai Tirolites; Kittl, E. 1656.
transiens Phyllosnilia; Felix, J. 1521.
transversalis Plectambonites; Chapman, F. 1430.
trapeziformis Trigonina; Kitchin, F. L. 1654.
trebevicensis Rhynchonella; Bittner, A. 1378.
tridentina Pseudomonotis; Bittner, A. 1377.
trifolium Haplophragmium; Egger, J. G. 1503.
Trigenerina n. gen. Schubert, R. J. 1874.
Triplophyllum n. gen. Simpson, G. B. 1921.
trisinuatus Zaphrentis; Greene, G. K. 1570.
troianus Productus; Enderle, J. 1508.
truncata Prothyris; Cleland, H. F. 1447.
trusitum Orthoceras; Clarke, J. M. & Ruedemann, R. 1444.
tschernyschewi Ekbainacanthus; Jakowlew, N. 1625.
tuberculatus n. var. Lichas hirsutus; Reed, F. R. C. 1826.
tubiporaeformis Calamophyllia; Felix, J. 1522.
tubulifera Solenopora; Maplestone, C. M. 1711.
tulipaformis Pentremites; Hambach, G. 1577.
tumida Trigonina; Kitchin, F. L. 1654.
turbinatus Pentremites; Hambach, G. 1577.
turcica Spiriferina; Bittner, A. 1378.
turgidula Aulacothyris; Bittner, A. 1378.
tuzlana Chama; Oppenheim, P. 1762.
tylophora Stauroneis; Reichelt, H. 1832.
typica Nepheliospongia; Clarke, J. M. 1438.
uhligi Astarte; Remeš, M. 1837.
 ——— Cyclamina; Schubert, R. J. 1874.
 ——— Goniclymenia; Frech, F. 1543.
 ——— Placocoenia; Volz, W. 2012.
ulrichi Camarocrinus; Schuchert, C. 1885.
 ——— Polypora; Condra, G. E. 1454.
undulata Limnaea; Gorjanovič-Kramberger, K. [Dragutin]. 1559.
undulatus Tirolites; Kittl, E. 1656.
uniserialis Retepora; Maplestone, C. M. 1711.
ursulae Dimorphina; Egger, J. G. 1503.
 ——— Pontocypris; Egger, J. G. 1503.
utterbacki Haplocanthosaurus; Hatcher, J. B. 1583.
vaceki Bolivina; Schubert, R. J. 1874.
validus Leptograptus; Elles, G. L. & Wood, E. M. R. 1507.
valsoldae n. form. Avicula; Bistram, A. 1375.
variabilis Dimorphina; Liebus, A. & Schubert, R. J. 1688.

- vauhani Arca; Casey, T. L. 1427.
 ——— Cardium; Shattuck, G. B. 1906.
 ——— Litharæa; Felix, J. 1521.
 ——— Pectunculus; Woods, H. 2036.
 vendæense Procerithium; Chartron & Cossmann. 1431.
 ventricosa Amphissa; Arnold, R. 1342.
 ventricosus Saccoblastus; Hambach, G. 1577.
 veræ Tornoceras; Frech, F. 1543.
 vermiculata Aulopsammia; Felix, J. 1521.
 vermiculosa Trachelomonas; Palmer, T. 1773.
 verrucosiformis Unio; Whitfield, R. P. 2026.
 verrucosus Cribroblastus; Hambach, G. 1577.
 veryi Carpenteroblastus; Greene, G. K. 1570.
 ——— Stenmatocrinus?; Greene, G. K. 1570.
 vestita Trachelomonas; Palmer, T. C. 1773.
 veterior Ischyromys; Matthew, W. D. 1719.
 vetustus Sciurus; Matthew, W. D. 1719.
 vicaria Rhynchonella; Bittner, A. 1378.
 vicksburgella Microdrillia; Casey, T. L. 1427.
 vicksburgensis Lucina; Casey, T. L. 1427.
 ——— Pleurotoma; Casey, T. L. 1427.
 ——— Venericardia; Casey, T. L. 1427.
 vidovici Melanopsis; Brusina, S. 1414.
 vitellius Natica; Oppenheim, P. 1762.
 volaris Pecten; Bittner, A. 1378.
 v-scripta Trigonia; Kitchin, F. L. 1654.
 vulgaris Homomya; Shattuck, G. B. 1906.
 waageni Spiroloculina; Liebus, A. & Schubert, R. J. 1688.
 wabashensis Goniatites; Kindle, E. M. 1651.
 ——— Reticularia; Kindle, E. M. 1651.
 waehneri Dimorphastræa; Felix, J. 1521.
 ——— Aulacothyris; Bittner, A. 1378.
 walteri Cyrtina; Bittner, A. 1378.
 wanneri Eulima; Oppenheim, P. 1764.
 wardi Listracanthus; Woodward, A. S. 2038.
 ——— Michelinia; Greene, G. K. 1570.
 weberi Zaphrentis; Greene, G. K. 1570.
 welleri Dolatocrinus; Greene, G. K. 1570.
 ——— Gastriceras; Smith, J. P. 1930.
 ——— Gonioloboceras; Smith, J. P. 1930.
 welschi Cerithiella; Chartron & Cossmann. 1431.
 wettsteinii Eunotia; Pantocsek, J. 1778.
 whiteavesi Hormotoma; Clarke, J. M. & Ruedemann, R. 1444.
 whitei Paliguana; Broom, R. 1408.
 whitfieldi Acidaspis; Hitchcock, C. H. 1606.
 ——— Raja; Hay, O. P. 1591.
 whitneyi Neohipparion; Gidley, J. W. 1554.
 williamsi Martinia; Kindle, E. 1651.
 williamsoni Bittium; Arnold, R. 1342.
 woodwardi Anthracosiro; Pocock. 1804.
 ——— Lichas; Reed, F. R. C. 1826.
 wooryallockensis Beyrichia; Chapman, F. 1429.

wysogorskii	Clymenia ; Frech, F. 1543.	zitteli	Anchitherium ; Schlosser, M. 1869.
zachariasii	Navicula ; Reichelt, H. 1832.	————	Cyathosseris ; Felix, J. 1521.
zarecznyi	Spirifer ; Gürich, G. 1576.	————	Leptocheirus ; Merriam, J. C. 1726.
zeilleri	Chiropteris ; Seward, A. C. 1904.	————	Rhizopoterion ; Ungern- Sternberg, E. 1993.
zephyrinum	Dentalium ; Casey, T. L. 1427.	zitteliana	Fronicularia ; Egger, J. G. 1503.
		zumoffeni	Latimacandra ; Felix, J. 1522.

ERRATA.

FIRST ANNUAL ISSUE.

- p. 45, top of first column, for Stejnegar read Steijneger.
 p. 86, top of first column, for Lirguria read Liguria, and for 1 tav. read 9 tav.
 p. 102, first column, for Helioceras read Helicoceras.

SECOND ANNUAL ISSUE.

- p. 111, second column, after line 15, insert : *Holocostephanus wilfrida* n. sp. Karakasch, J. Ann. Univ. Grenoble, Paris, 14, 1902, (411-425, av. pl.).
 p. 114, second column, 10 lines from the bottom, insert : *Alloërisma carniolicum* n. sp. Bittner, A. Wien, Jahrb. Geol. RchsAnst., 51, 1901, 1902, (225-234, mit 1 Taf.).
 p. 137, first column, 7 lines from the bottom, insert : *ALLOËRISMA carniolicum*. Bittner, A. 711.
 p. 141, first column, after line 16 insert : *HOLOCOSTEPHANUS wilfridi*. Karakasch, J. 932.
 p. 192, first column, after line 8, insert : *wilfridi* *Holocostephanus* ; Karakasch, J. 932.
 p. 44, first column, last line, after (289-320), insert : Separate. 1901. 27 cm.

LIST OF JOURNALS WITH ABBREVIATED TITLES.

<i>Adelaide, S. Aust., Trans. R. Soc.</i>	Transactions of the Royal Society of South Australia, Adelaide.	6 S.Aus.
<i>Albany Univ., N.Y., Bull. St. Mus.</i>	Bulletin of the New York State Museum. University of the State of New York, Albany, N.Y.	4 U.S.
<i>Albany Univ., N.Y., Mem. St. Mus.</i>	Memoirs of the New York State Museum. University of the State of New York, Albany, N.Y.	5 U.S.
<i>Albany Univ., N.Y., Rep. St. Mus.</i>	Report of the New York State Museum. University of the State of New York, Albany, N.Y.	6 U.S.
<i>Amer. Geol., Minneapolis, Minn.</i>	American Geologist, Minneapolis, Minnesota.	13 U.S.
<i>Amer. Inv., Washington, D.C.</i>	The American Inventor. Washington, D.C.	569 U.S.
<i>Amer. J. Sci., New Haven, Conn.</i>	American Journal of Science, New Haven, Conn.	19 U.S.
<i>Amer. Nat., Boston, Mass.</i>	The American Naturalist, Boston, Mass.	21 U.S.
<i>Amsterdam, Tijdschr. K. Ned. Aardr. Gen.</i>	Tijdschrift van het Koninklijk Nederlandsch Aardrijkskundig Genootschap, Amsterdam, 8o.	4 Hol.
<i>Amsterdam, Versl. Wis. Nat. Afd. K. Akad. Wet.</i>	Verslagen der Vergaderingen van de Wis- en Natuurkundige Afdeling der Koninklijke Akademie van Wetenschappen, Amsterdam, 8o.	7 Hol.
<i>Angers, Bul. soc. étud. sci.</i>	Bulletin de la société d'études scientifiques d'Angers (Maine-et-Loire). [annuel.]	33 Fr.
<i>Ann. Bot., Oxford ...</i>	Annals of Botany, Oxford. ...	4 U.K.
<i>Ann. Mag. Nat. Hist., London</i>	Annals and Magazine of Natural History, London.	7 U.K.
<i>Ann. Natphilos., Leipzig.</i>	Annalen der Naturphilosophie. Leipzig.	1285 Ger.
<i>Arch. Anthr., Braunschweig</i>	Archiv für Anthropologie. hrsg. v. Ranke. Braunschweig. [$\frac{1}{4}$ jährl.]	53 Ger.

<i>Arch. Landesk. Sachsen, Halle</i>	Archiv für Landes- und Volkskunde der Provinz Sachsen, hrag. v. Kirchhoff. Halle. [jähr.]	73 Ger.
<i>Arch. Natur. LdDurchf. Böhmen, Prag</i>	Archiv der Naturwissenschaftlichen Landesdurchforschung von Böhmen. Prag. [zwanglos.]	26 Aus.
<i>Autun, Bul. soc. hist. nat.</i>	Bulletin de la société d'histoire naturelle. Autun (Saône-et-Loire).	915 Fr.
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<i>Ber. Hauptvers. D. Forstver., Berlin</i>	Bericht über die Hauptversammlung des Deutschen Forstvereins (Versammlung deutscher Forstmänner). Berlin. [jähr.]	1259 Ger.
<i>Berkeley, Univ. Cal., Bull. Dept. Geol.</i>	University of California. Bulletin of the Department of Geology, Berkeley	40 U.S.
<i>Berlin, Ber. D. bot. Ges. ...</i>	Berichte der deutschen botanischen Gesellschaft. Berlin. [monatl.]	164 Ger.
<i>Berlin, SitzBer. Ges. natf. Freunde</i>	Sitzungsberichte der Gesellschaft naturforschender Freunde zu Berlin. Berlin. [jähr. in zwangl. H.]	183 Ger.
<i>Boll. Naturalista, Siena ...</i>	Bollettino del Naturalista, Siena ...	33 It.
<i>Bologna, Mem. Acc. sc. ...</i>	Memorie dell' Accademia delle scienze dell' Istituto, Bologna.	42 It.
<i>Bot. Jahrb., Leipzig ...</i>	Botanische Jahrbücher für Systematik, Pflanzengeschichte und Pflanzengeographie, hrag. v. Engler. Leipzig. [10 H. jähr.]	242 Ger.
<i>Bruxelles, Ann. Soc. roy. malacol</i>	Annales de la Société royale malacologique de Belgique (Bruxelles).	183 Bel.
<i>Bruxelles, Ann. Soc. scient.</i>	Annales de la Société scientifique de Bruxelles (Louvain). Trimestriel.	26 Bel.
<i>Bruxelles, Bul. Soc. géol., paléont., hydr.</i>	Bulletin de la Société belge de géologie, de paléontologie et d'hydrologie (Bruxelles).	42 Bel.
<i>Buffalo, Bull. Soc. Nat. Sci.</i>	Bulletin of the Buffalo Society of Natural Sciences, Buffalo, N.Y.	66 U.S.
<i>Bul. Min. Agricult., Paris</i>	Bulletin du Ministère de l'Agriculture. Paris.	236 Fr.
<i>Cape Town, Ann. S. Africa Mus.</i>	Annals of the South African Museum, Cape Town.	5 S.A.
<i>Carinthia II, Klagenfurt ...</i>	Carinthia II, Mitteilungen des Naturhistorischen Landesmuseums für Kärnten. Red. v. Karl Frauscher. Klagenfurt. [2 monatl.]	67 Aus.

<i>Centralbl. Min., Stuttgart ...</i>	Centralblatt für Mineralogie, Geologie und Paläontologie, hrsg. v. Bauer etc. Stuttgart. [$\frac{1}{2}$ monatl.]	285 Ger.
<i>Chicago, Ill., Bot. Gaz. Univ. Chic.</i>	Botanical Gazette. (University of Chicago), Chicago, Ill.	64 U.S.
<i>Chicago, Ill., J. Geol. Univ. Chic.</i>	Journal of Geology. (University of Chicago), Chicago, Ill.	101 U.S.
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<i>D. ent. Zs. Iris, Berlin ...</i>	Deutsche entomologische Zeitschrift, hrsg. v. d. Gesellschaft Iris in Dresden in Verbindung m. d. deutschen entomologischen Gesellschaft zu Berlin. (Iris, Dresden.) Berlin, Friedländer u. Sohn. [2 H. jährl.]	332 Ger.
<i>Danzig, Schr. natf. Ges. ...</i>	Schriften der naturforschenden Gesellschaft in Danzig. Danzig. [zwanglos.]	394 Ger.
<i>Des Moines, Proc. Iowa Acad. Sci.</i>	Proceedings of the Iowa Academy of Sciences, Des Moines.	137 U.S.
<i>Dublin, Trans. R. Irish Acad.</i>	Transactions of the Royal Irish Academy, Dublin.	81 U.K.
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<i>Feuille jeunes natural., Paris</i>	Feuille des jeunes naturalistes. Dir. Dollfus. Paris. [mensuel.]	337 Fr.
<i>Földt. Evk., Budapest ...</i>	Földtani Evkönyvei, Budapest. [Jahrbuch für Geologie, Budapest.]	20 Hun.
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<i>Frankfurt a. M., Nachrbl. D. malakozool. Ges.</i>	Nachrichtsblatt der deutschen malakozoologischen Gesellschaft. Frankfurt a. M. [monatl.]	480 Ger.
<i>Geogn. Jahreshefte, München</i>	Geognostische Jahreshefte, hrsg. v. d. geognostischen Abtheilung des kgl. bayerischen Oberbergamts in München. München. [jähr.]	507 Ger.
<i>Geol. Mag., London... ..</i>	Geological Magazine, London	134 U.K.
<i>Gloucester, Proc. Cotteswold Nat. F. Cl.</i>	Proceedings of the Cotteswold Naturalists' Field Club, Gloucester	144 U.K.

<i>Grahamstown, Cape Colony, Rec. Albany Mus.</i>	Records of the Albany Museum, Grahamstown.	12 S.A.
<i>Graz, Mitt. Natw. Ver. Steierm.</i>	Mitteilungen des Naturwissenschaftlichen Vereines für Steiermark. Red. v. C. Doelter. Graz. [jähr.]	119 Aus.
<i>Haarlem, Arch. Mus. Teyler</i>	Archives du Musée Teyler, Haarlem. 8vo.	21 Hol.
<i>Hildesheim, Mitt. Roemer-Mus.</i>	Mittheilungen aus dem Roemer-Museum zu Hildesheim. [zwanglos.]	583 Ger.
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<i>Knowledge, London ...</i>	Knowledge, London ...	187 U.K.
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<i>Kristiania, Forh. Vid. selsk.</i>	Forhandlinger i Videnskabselskabet i Kristiania.	12 Nor.
<i>Leipzig, Sitzber. natf. Ges.</i>	Sitzungsberichte der naturforschenden Gesellschaft zu Leipzig. Leipzig. [2 jahr.]	744 Ger.
<i>Lille, Ann. soc. géol. ...</i>	Annales de la société géologique du Nord. Lille (Nord). [bimestr.]	420 Fr.
<i>Liverpool, Proc. Geol. Soc.</i>	Proceedings of the Liverpool Geological Society, Liverpool.	204 U.K.
<i>London, Brit. Ass. Geol. Phot.</i>	British Association. Photographs of geological interest in the United Kingdom. London.	— U.K.

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<i>Melbourne, Proc. R. Soc. Viet.</i>	Proceedings of the Royal Society of Victoria. Melbourne.	9 Vic.
<i>Milano, Atti Soc. ital. sc. nat.</i>	Atti della Società italiana di scienze naturali, e del museo civico di Storia naturale, Milano.	102 It.
<i>Milano, Rend. Ist. lomb. ...</i>	Rendiconti dell' Istituto lombardo di scienze e lettere, Milano.	106 It.
<i>Mitt. D. Schutzgeb., Berlin</i>	Mittheilungen von Forschungsreisenden und Gelehrten aus den deutschen Schutzgebieten. Wissenschaftliche Beihefte zum deutschen Kolonialblatt, hrsg. v. Danckelmann. Berlin. [$\frac{1}{2}$ jähr.]	803 Ger.

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<i>München, SitzBer. Ak. Wiss.</i>	Sitzungsberichte der kgl. bayerischen Akademie der Wissenschaften zu München. München. [jährl. in zwangl. H.]	839 Ger.
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<i>Natur. Wochenschr., Jena</i>	Naturwissenschaftliche Wochenschrift, red. v. Potonié. Jena. [wöch.]	868 Ger.
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<i>Palaeontographica, Stuttgart</i>	Palaeontographica. Beiträge zur Naturgeschichte der Vorzeit, hrsg. v. Zittel. Stuttgart. [2-3 H. jährl.]	898 Ger.
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<i>Potf. Termt. Közl., Budapest</i>	Potfüzetek a Természettudományi Közlönyhöz, Budapest. [Beiblätter zu den naturwissenschaftlichen Mittheilungen, Budapest.]	13 Hun.
<i>Prag, Rozpr. České Ak. Frant. Jos.</i>	Rozpravy České Akademie Císaře Františka Josefa pro Vědy, Slovesnost a Umění. Praha. [Abhandlungen der Tschechischen Kaiser Franz Josefs-Akademie für Wissenschaft, Literatur und Kunst]. [zwanglos]	--
<i>Prag, SitzBer. Böhm. Ges. Wiss.</i>	Sitzungsberichte der Königlich Böhmischen Gesellschaft der Wissenschaften, Mathematisch-Naturwissenschaftliche Klasse. Prag. [jähr.]	305 Aus.
<i>Prag, SitzBer. Lotos ...</i>	Sitzungsberichte des Deutschen Naturwissenschaftlich-Medicinischen Vereines für Böhmen „Lotos“ in Prag. Prag. [jähr.]	306 Aus.
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<i>St. Peterburg, Mém. Ac. Sc.</i>	Записки Императорской Академіи Наукъ по физико-математическому отдѣленію. С.-Петербургъ. [Mémoires de l'Académie Impériale des Sciences. Classe des sciences physiques et mathématiques. St.-Petersbourg.]	266 Rus.

<i>St. Petersburg, Verh. Russ. mineral. Ges.</i>	Записки Императорскаго С.-Петербургскаго минералогическаго общества. С.-Петербургъ. [Verhandlungen der russischen Mineralogischen Gesellschaft. St.-Petersbourg.]	290 Rus.
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<i>Tekn. Fören. Tidskr., Helsingfors</i>	Tekniska Föreningens Tidskrift. Helsingfors. 4to.	29 Fin.
<i>Tōkyō, J. Coll. Sci. ...</i>	The Journal of the College of Science, Imperial University of Tōkyō, Japan. <i>European languages.</i>	28 Jap.
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<i>Vict. Nat., Melbourne ..</i>	The Victorian Naturalist. Melbourne.	19 Vic.
<i>Washington, D.C., Dept. Int. U.S. Geol. Surv. Monogr.</i>	Department of the Interior. U.S. Geological Survey. Monographs, Washington, D.C.	483 U.S.
<i>Washington, D.C., Proc. Biol. Soc.</i>	Proceedings of the Biological Society of Washington, Washington, D.C.	488 U.S.
<i>Washington, D.C., Smithsonian Inst., Misc. Collect.</i>	Smithsonian Institution. Smithsonian Miscellaneous Collections, Washington, D.C.	497 U.S.
<i>Washington, D.C., Smithsonian Inst., Nation. Mus. Proc.</i>	Smithsonian Institution. U.S. National Museum. Proceedings, Washington, D.C.	500 U.S.
<i>Washington, D.C., Smithsonian Inst., Rep. Nation. Mus.</i>	Smithsonian Institution. U.S. National Museum. Annual Report of the Board of Regents of the Smithsonian Institution, Washington, D.C.	492 U.S.
<i>Washington, D.C., U.S. Dept. Int. Bull. Geol. Surv.</i>	Department of the Interior. Bulletin of the United States Geological Survey, Washington, D.C.	516 U.S.
<i>Wien. Ann. NatHist. Hofmus.</i>	Annalen des k. k. Naturhistorischen Hofmuseums. Redig. von Franz Steindachner. Wien. [$\frac{1}{4}$ jährl.]	408 Aus.
<i>Wien, Beitr. Pol. Geol. ÖstUng.</i>	Beiträge zur Paläontologie und Geologie Österreich-Ungarns und des Orients. Mitteilungen des Paläontologischen und Geologischen Institutes der Universität Wien. Herausgegeben mit Unterstützung des hohen Ministeriums für Kultus und Unterricht von Viktor Uhlig und G[ustav] von Arthaber. Wien. [$\frac{1}{4}$ jährl.]	415 Aus.
<i>Wien, Jahrb. Geol. Reichsanst.</i>	Jahrbuch der k. k. Geologischen Reichsanstalt. Wien. [$\frac{1}{4}$ jährl.]	425 Aus.

<i>Wien, Mitt. Geogr. Ges.</i> ...	Mitteilungen der k. k. Geographischen Gesellschaft in Wien. Red. v. August Böhm Edlen von Böhmersheim. Wien. [2 monatl.]	437 Aus.
<i>Wien, SitzBer. Ak. Wiss.</i> ...	Sitzungsberichte der Kaiserlichen Akademie der Wissenschaften. Mathematisch-Naturwissenschaftliche Klasse. Wien. [in 4 Abteilungen, zwanglos.]	472 Aus.
<i>Wien, Verh. Geol. Reichs-Anst.</i>	Verhandlungen der k. k. Geologischen Reichs-Anstalt. Wien. [18 H. jährl.]	477 Aus.
<i>Zool. Anz., Leipzig</i> ...	Zoologischer Anzeiger, hrsg. v. Carus. Leipzig. [2-3 Nrn monatl.]	1148 Ger.
<i>Zs. Natur., Stuttgart</i> ...	Zeitschrift für Naturwissenschaften. Organ des naturwissenschaftlichen Vereins für Sachsen und Thüringen. Stuttgart. [2 monatl.]	1214 Ger.
<i>Zs. wiss. Zool., Leipzig</i> ...	Zeitschrift für wissenschaftliche Zoologie, hrsg. v. Kölliker u. Ehlers. Leipzig. [8 H. jährl.]	1249 Ger.

*The numbers in the right-hand column are those used in the
General List of Journals.*

International Catalogue of Scientific Literature.

I.—TOPOGRAPHICAL CLASSIFICATION.

[To be used in connexion with Geography, Geology, Botany,
Zoology, etc.]

1.—MAIN DIVISIONS.

- a.* The Earth as a whole.
- b.* Land as a whole.
- c.* Ocean as a whole.
- d.* Europe and Mediterranean Islands.
- e.* Asia and Malay Archipelago, Celebes and Timor inclusive.
- f.* Africa and Madagascar.
- g.* North America to boundary between United States and Mexico.
- h.* Mexico, Central and South America, and West Indian Islands.
- i.* Australia, Tasmania and New Zealand; with New Guinea, Gilolo, and Moluccas to west, and including the Solomon Islands, New Hebrides, and New Caledonia to east.
- k.* Arctic: Greenland and the area north of the Arctic Circle, or of the coasts of Continental America, Asia, and Europe, whichever is farther north.
- l.* Atlantic and Islands from Arctic Circle to Lat. 45° S.—the southern portion bounded on the east by the meridian 20° E. of Greenwich, south of the coast of Africa; and on the west by the coast of South America.
- m.* Indian Ocean and Islands limited on the south by Lat 45° S.; on the west by the meridian 20° E. of Greenwich; on the east by the coast of Australia and the meridian 147° E. of Greenwich.
- n.* Pacific and Islands from the Arctic Circle to Lat. 45° S., and between the meridian 147° E. of Greenwich and the coast of South America.
- o.* Antarctic: the area south of 45° S. except the Falkland Islands and the southern parts of South America and New Zealand; but including the islands of New Amsterdam and St. Paul.

N.B.—As a general rule, Islands more than 100 miles from the continent to be classed as Oceanic, unless specially excepted.

2. SUB-DIVISIONS.

d. EUROPE AND MEDITERRANEAN ISLANDS.

- da.* Scandinavia: Sweden, Norway, Denmark, Iceland, Faeroes.
- db.* Russia in Europe.
- dc.* German Empire.
- dd.* Holland; Belgium; Luxemburg.
- de.* British Islands.
- df.* France and Corsica.
- dg.* Spain and Portugal.
- dh.* Italy: Sicily and Sardinia.
- di.* Switzerland.
- dk.* Austria-Hungary (Bosnia and Herzegovina included).
- dl.* Balkan Peninsula (Turkey in Europe, Roumania, Bulgaria, Servia, Montenegro, and Greece).
- dm.* Mediterranean and Islands (excluding Sicily, Sardinia, and Corsica).
- dn.* Black Sea.
- do.* Baltic and Islands.

e. ASIA AND MALAY ARCHIPELAGO.

- ea.* Asiatic Russia.
- eb.* China and Dependencies: Tibet; Corea.
- ec.* Japanese Islands; Formosa.
- ed.* Cochin China: Tonquin, Annam.
- ee.* Siam.
- ef.* British India: Himalaya; Burmah; Ceylon.
- eg.* Malay Peninsula from Isthmus of Kra and Archipelago to Wallace's line, including Celebes and Timor, with the Philippines and China Sea.
- eh.* Persia; Afghanistan; Baluchistan.
- ei.* Asiatic Turkey; Arabia.
- ek.* Caspian.
- el.* Persian Gulf.

f. AFRICA AND MADAGASCAR.

- fa.* Mediterranean States—Marocco, Algiers, Tunis, Tripoli.
- fb.* N.E. Africa; Egypt and Nile Valley to Lat. 10° N.; Abyssinia; African Coast of Red Sea.
- fc.* Sahara and the French Sudan; Darfur, etc.
- fd.* West Africa, from Marocco to the Congo.
- fe.* Congo State and Angola.
- ff.* East Africa, from the Southern border of *fb* to the Zambezi; Socotra.
- fg.* South Africa—South of the Zambezi and of the boundary between Portuguese and German S W. Africa.
- fh.* Madagascar and Comoro Group.
- fi.* Red Sea and Islands.

g. NORTH AMERICA.

- ga.* Alaska.
- gb.* Canada as a whole.
- gc.* Canadian Dominion West (Yukon, British Columbia, Mackenzie, Athabasca, Alberta, Saskatchewan, Assiniboia).
- gd.* Canadian Dominion East; Newfoundland.
- ge.* The Laurentian Lakes.
- gf.* United States as a whole.
- gg.* North Eastern United States, East of Mississippi (Maine, Vermont, New Hampshire, New York, Massachusetts, Connecticut, Rhode Island, Pennsylvania, New Jersey, Ohio, Michigan, Wisconsin, Illinois, Indiana).
- gh.* South Eastern United States, East of Mississippi.
- gi.* Western United States, West of Mississippi.

h. CENTRAL AND SOUTH AMERICA AND WEST INDIES.

- ha.* Mexico.
- hb.* Central America: Guatemala; Honduras; British Honduras; Salvador; Nicaragua; Costa Rica.
- hc.* West Indian Islands; Caribbean Sea; Gulf of Mexico.
- hd.* Guiana—British, Dutch, and French; Venezuela; Trinidad.
- he.* Columbia; Ecuador.
- hf.* Pern.
- hg.* Bolivia.
- hh.* Brazil.
- hi.* Argentina; Uruguay and Paraguay.
- hk.* Chili.
- hl.* Tierra del Fuego and neighbouring islands; Falkland Islands.
- hm.* The Andes.

i. AUSTRALASIA.

- ia.* New Guinea with Islands from Wallace's line, including Gilolo, Amboina, Ceram.
- ib.* Bismarck Archipelago (New Britain, etc., to Solomon Islands inclusive).
- ic.* Australia as a whole.
- id.* Queensland.
- ie.* New South Wales.
- if.* Victoria.
- ig.* South Australia.
- ih.* West Australia.
- ii.* Tasmania.
- ik.* New Zealand.
- il.* New Caledonia, New Hebrides, and Loyalty Islands.

K. ARCTIC.

- ka.* Arctic Ocean.
- kb.* Greenland.
- kc.* Archipelago north of North America.
- kd.* Islands north of Europe and Asia.

L. ATLANTIC.

- la.* North Atlantic Ocean and Islands not otherwise specified.
- lb.* Azores; Canaries; Madeira; Cape Verde.
- lc.* South Atlantic and Islands.

M. INDIAN OCEAN.

- ma.* Ocean and Islands N. of Equator.
- mb.* Ocean and Islands S. of Equator, including Mascarene Islands, Amsterdam, and St. Paul.

N. PACIFIC.

- na.* North Pacific Ocean (North of Equator).
- nb.* South Pacific Ocean (South of Equator).
- nc.* Behring Sea and Islands (Aleutian Archipelago, etc.).
- nd.* Sandwich Islands and scattered groups N. of Equator and E. of 180° .
- ne.* Ladrone, Pelew, Caroline and Marshall Groups, with other Islands N. of Equator and W. of 180° .
- nf.* Fiji Islands, Friendly Islands, Samoa, Ellice, Phoenix Islands, etc., west of Meridian 160° W. of Greenwich.
- ng.* Galapagos Islands.
- nh.* Society Islands, Low Archipelago, Marquesas, and other Islands of S. Pacific, east of Meridian 160° W. of Greenwich.

O. ANTARCTIC.

- oa.* Antarctic Continent as a whole.
- ob.* S. Georgia, Sandwich Groups, and other Islands S. of S. Atlantic.
- oc.* Prince Edward Island, Crozets, Kerguelen, and other Islands S. of Indian Ocean.
- od.* Islands to Southward and South-east of New Zealand and Area South of Pacific.

Internationaler Katalog der naturwissenschaftlichen Litteratur.

I—TOPOGRAPHISCHE CLASSIFICATION.

[In Verbindung mit Geographie, Geologie, Botanik, Zoologie etc.
zu benutzen.]

1.—HAUPT-ABSCHNITTE.

- a. Die Erde als Ganzes.
- b. Das Festland als Ganzes.
- c. Der Ocean als Ganzes.
- d. Europa und die Inseln im Mittelländischen Meere.
- e. Asien und der Malayische Archipel, einschliesslich Celebes und Timor.
- f. Africa und Madagaskar.
- g. Nord-Amerika bis zur Grenze zwischen den Vereinigten Staaten und Mexiko.
- h. Mexiko, Central- und Süd-Amerika, Westindische Inseln.
- i. Australien, Tasmanien und Neu-Seeland, mit Neu-Guinea, Gilolo und Molukken nach Westen, und mit Salomo-Inseln, Neuen Hebriden und Neu-Caledonien nach Osten.
- k. Arktisches Gebiet: Grönland und der vom Polarkreis umschlossene Raum, insbesondere die jenseits desselben gelegenen Küstenländer von Amerika, Asien und Europa.
- l. Atlantisches Gebiet mit seinen Inseln, vom Polarkreis bis 45° S. Br.; der südliche Theil wird südliche von Afrika nach Osten durch den Meridian 20° O. [v. Gr.] begrenzt und reicht im Westen bis zur Küste von Süd-Amerika.
- m. Der Indische Ocean mit seinen Inseln reicht im Süden bis 45° S. Br.; im Westen bis 20° O. L., im Osten bis zur Küste von Australien und dem Meridian 140° O. L.
- n. Pacifisches Gebiet mit seinen Inseln, vom Nordpolarkreis bis 45° S. Br., im südlichen Theil begrenzt durch den Meridian 147° O. L. nach Westen, und die Küste von Süd-Amerika nach Osten.
- o. Antarktisches Gebiet, umfassend das Gebiet südlich von 45° S. Br., mit Ausschluss der Falklands-Inseln, der südlichen Theile von Süd-Amerika und Neu-Seelands, aber einschliesslich der Inseln Neu-Amsterdam und St. Paul.

N.B.—Allgemeine Regel: Inseln, die mehr als 100 englische Meilen (160 Kilometer) vom Festland entfernt sind, sind, falls nicht besonders ausgenommen, als oceanisch zu classificiren.

2. UNTERABTHEILUNGEN.

d. EUROPA UND DIE INSELN IM MITTELLÄNDISCHEN MEER.

- da.* Skandinavien: Schweden, Norwegen, Dänemark, Island Faröer.
- db.* Des Europäische Russland.
- dc.* Das Deutsche Reich.
- dd.* Holland; Belgien; Luxemburg.
- de.* Die Britischen Inseln.
- df.* Frankreich und Corsica.
- dg.* Spanien und Portugal.
- dh.* Italien, met Sicilien und Sardinien.
- di.* Die Schweiz.
- dk.* Oesterreich-Ungarn (einschliesslich Bosnien und Herzegowina).
- dl.* Die Balkan - Halbinsel (Europäische Türkei, Rumänien, Bulgarien, Serbien, Montenegro, Griechenland).
- dm.* Das Mittelländische Meer mit seinen Inseln (mit Ausschluss von Sicilien, Sardinien und Corsica).
- dn.* Das Schwarze Meer.
- do.* Die Ostsee mit ihren Inseln.

e. ASIEN UND DER MALAYISCHE ARCHIPEL.

- ea.* Asiatisches Russland.
- eb.* China und zugehörige Länder; Tibet; Korea.
- ec.* Japanische Inseln; Formosa.
- ed.* Cochinchina; Tonking, Annam.
- ee.* Siam.
- ef.* Britisch-Indien, einschliesslich Himalaya, Burma, Ceylon.
- eg.* Malayische Halbinsel südlich vom Isthmus von Kra, und Malayischer Archipel bis zu Wallace's Linie, einschliesslich Celebes und Timor; Philippinen; Chinesisches Südmeer.
- eh.* Persien; Afghanistan; Belutschistan.
- ei.* Asiatische Türkei; Arabien.
- ek.* Das Kaspische Meer.
- el.* Der Persische Golf.

f. AFRIKA UND MADAGASKAR.

- fa.* Die Mittelmeer-Staaten: Marokko, Algier, Tunis, Tripolis.
- fb.* Nordost-Afrika: Egypten und Nilthal bis 10° N. Br.; Abessinien; afrikanische Küste des Rothen Meeres.
- fc.* Die Sahara und der französische Sudan; Darfur etc.
- fd.* West-Afrika, von Marokko bis zum Kongo.
- fe.* Kongo-Staat und Angola.
- ff.* Ostafrika, von der südlichen Grenze von *fb.* bis zum Sambesi; Sokotra.
- fg.* Sud-Afrika, südlich des Sambesi und der Grenze zwischen.
- fh.* Madagaskar und Komoren.
- fi.* Das Rothe Meer mit seinen Inseln.

g. NORD-AMERIKA.

- ga. Alaska.
- gb. Canada als Ganzes.
- gc. West-Canadisches Gebiet: Yukon, Britisch-Columbia, Mackenzie, Athabasca, Alberta, Saskatchewan, Assiniboia.
- gd. Ost-Canadisches Gebiet; Neufundland.
- ge. Gebiet der Laurentischen Seen.
- gf. Vereinigte Staaten als Ganzes.
- gg. Nordosten der Vereinigten Staaten, östlich vom Mississippi (Maine, Vermont, New Hampshire, New York, Massachusetts, Connecticut, Rhode Island, Pennsylvania, New Jersey, Ohio, Michigan, Wisconsin, Illinois, Indiana).
- gh. Südosten der Vereinigten Staaten, östlich vom Mississippi.
- gi. Westen der Vereinigten Staaten, westlich vom Mississippi.

h. CENTRAL-AMERIKA, SÜD-AMERIKA, WEST-INDIEN.

- ha. Mexiko.
- hb. Central-Amerika: Guatemala, Honduras; Britisch-Honduras; Salvador; Nicaragua; Costa Rica.
- hc. Westindische Inseln; Caraibisches Meer; Golf von Mexiko.
- hd. Guyana: Britisch, Niederländisch und Französisch; Venezuela; Trinidad.
- he. Columbia; Ecuador.
- hf. Peru.
- hg. Bolivia.
- hh. Brasilien.
- hi. Argentinien; Uruguay und Paraguay.
- hk. Chile.
- hl. Feuerland und benachbarte Inseln; Falkland Inseln.
- hm. Die Anden.

i. AUSTRALASIEN.

- ia. Neu-Guinea, nebst Inseln im Osten von Wallace's Linie, einschliesslich Gilolo, Amboina, Ceram.
- ib. Bismarck-Archipel (Neu-Pommern etc. bis Salomo-Inseln).
- ic. Australien als Ganzes.
- id. Queensland.
- ie. Neu-Süd-Wales.
- if. Victoria.
- ig. Süd-Australien.
- ih. West-Australien.
- ii. Tasmanien.
- ik. Neu-Seeland.
- il. Neu-Caledonien, Neue Hebriden und Loyalty Inseln.

k. ARKTISCHES GEBIET.

- ka.* Der Arktische Ocean.
- kb.* Grönland.
- kc.* Archipel nördlich von Nord-Amerika.
- kd.* Inseln nördlich von Europa und Asien.

l. ATLANTISCHES GEBIET.

- la.* Der Nordatlantische Ocean mit seinen Inseln, soweit sie nicht anderweit eingereiht sind.
- lb.* Azoren; Kanaren; Madeira; Cap Verde.
- lc.* Der Südatlantische Ocean mit seinen Inseln.

m. INDISCHER OCEAN.

- ma.* Ocean und Inseln nördlich vom Aequator.
- mb.* Ocean und Inseln südlich vom Aequator, einschliesslich Maskarenen, Neu-Amsterdam und St. Paul.

n. PACIFISCHES GEBIET.

- na.* Nordpazifischer Ocean (nördlich vom Aequator).
- nb.* Südpazifischer Ocean (südlich vom Aequator).
- nc.* Berings Meer, nebst Inseln (Aleuten-Archipel etc.).
- nd.* Sandwich-Inseln und zerstreute Gruppen nördlich von Aequator und östlich vom 180. Grad.
- ne.* Ladronen-, Palau-, Carolinen- und Marshall-Gruppen, nebst andern Inseln nördlich vom Aequator und Westlich vom 180. Grad.
- nf.* Fidjisch-Inseln, Freundschafts-Inseln, Samoa, Ellice-Inseln, Phönix-Inseln etc., westlich vom Meridian 160° W. L.
- ng.* Galapagos-Inseln.
- nh.* Gesellschafts-Inseln, Niedrige Inseln, Marquesas- und andere Inseln des südlichen Pazifischen Oceans, östlich vom Meridian 160° W. L.

o. ANTARCTISCHES GEBIET.

- oa.* Der Antarktische Kontinent als Ganzes.
- ob.* Süd-Georgien, Sandwich-Gruppen, und andere Inseln südlich vom südatlantischen Gebiet.
- oc.* Prince Edward-Insel, Crozet-Inseln, Kerguelen- und andere Inseln südlich vom Indischen Ocean.
- od.* Inseln südlich und südöstlich von Neu-Seeland, und Gebiet südlich des Pazifischen Oceans.

Catalogue International de la Littérature Scientifique.

CLASSIFICATION TOPOGRAPHIQUE.

[Cette classification sera appliquée à la géographie, à la géologie, à la botanique, à la zoologie, etc.]

I.—GRANDES DIVISIONS.

- a. Données d'ensemble relatives au globe terrestre.
- b. Données d'ensemble relatives aux continents.
- c. Données d'ensemble relatives aux océans.
- d. Europe et îles méditerranéennes.
- e. Asie et Archipel Malais, Célèbes et Timor inclus.
- f. Afrique et Madagascar.
- g. Amérique du Nord [en prenant comme limite celle qui sépare les États-Unis du Mexique].
- h. Le Mexique, Amérique centrale et méridionale avec les Antilles.
- i. Australie, Tasmanie et Nouvelle Zélande avec la Nouvelle Guinée, Gilolo et les Moluques à l'ouest, les îles Salomon, les Nouvelles Hébrides et la Nouvelle Calédonie à l'est.
- k. Régions arctiques : Groenland et surface polaire s'étendant des côtes américaines, asiatiques et européennes à l'extrême nord.
- l. Atlantique avec les îles comprises entre le cercle polaire arctique et le 45° de lat. S. Partie sud de l'Atlantique limitée à l'est par le méridien 20° E. (Greenwich), au sud de l'Afrique ; et à l'ouest par le côté de l'Amérique du sud.
- m. Océan Indien avec les îles situées dans l'espace limité dans le sud par le 45° de lat. S. ; à l'ouest par le méridien 20° E. (Greenwich) ; dans l'est par la côte australienne et le méridien 147° E. (Greenwich).
- n. Le Pacifique avec les îles comprises, en latitude, du cercle polaire arctique au 45° de lat. S. ; en longitude, du méridien 147° E. (Greenwich) à la côte de l'Amérique du sud.
- o. Régions antarctiques : depuis le 45° de lat. S., moins les Falkland, la pointe sud de l'Amérique méridionale et la Nouvelle Zélande, mais en y comprenant les îles St. Paul et Nouvelle Amsterdam.

N.B.— En général les îles qui se trouvent à plus de 160 à 185 kilomètres du continent sont classées comme îles océaniques, à moins que le contraire ne soit stipulé spécialement.

II.—SUBDIVISIONS.

d. EUROPE ET ÎLES MÉDITERRANÉENNES.

- da.* Scandinavie : Suède, Norvège, Danemark, Islande, îles Feroë.
- db.* Russie d'Europe.
- dc.* Empire Germanique.
- dd.* Hollande ; Belgique ; Luxembourg.
- de.* Îles Britanniques.
- df.* France et Corse.
- dq.* Espagne et Portugal.
- dh.* Italie ; Sicile et Sardaigne.
- di.* Suisse.
- dk.* Autriche-Hongrie (Bosnie et Herzégovine inclus).
- dl.* Péninsule Balkanique (Turquie d'Europe, Roumanie, Bulgarie, Serbie, Monténégro et Grèce).
- dm.* Méditerranée avec ses îles (moins la Sicile, la Sardaigne, et la Corse).
- dn.* Mer Noire.
- do.* La Baltique et ses îles.

e. ASIE ET ARCHIPEL MALAIS.

- ea.* Asie russe.
- eb.* Chine et dépendances ; Thibet ; Corée.
- ec.* Archipel du Japon ; Formose.
- ed.* Cochinchine. Tonkin. Annam. Cambodge.
- ee.* Siam.
- ef.* Indes Britanniques : Himalaya ; Burma, Ceylan.
- eg.* La Péninsule Malaise depuis l'isthme de Kra ; et l'Archipel Malais jusqu'à la ligne séparative de Wallace, y compris Célèbes, Timor, les Philippines et la Mer de Chine.
- eh.* Perse ; Afghanistan ; Bélouchistan.
- ei.* Turquie d'Asie ; Arabie.
- ek.* Mer Caspienne.
- el.* Golfe persique.

f. AFRIQUE ET MADAGASCAR.

- fa.* Pays méditerranéens : Maroc, Algérie, Tunisie, Tripoli.
- fb.* N.E. Africain ; Egypte et la vallée du Nil depuis le 10° de lat. N. ; Abyssinie ; côte africaine de la Mer Rouge.
- fc.* Le Sahara et le Soudan français ; Darfour, etc.
- fd.* Ouest africain, du Maroc au Congo.
- fe.* Etat du Congo et Angola.
- ff.* Est africain, depuis la bordure sud de *fb* au Zambèze, Socotora.

- fg.* Sud africain—Au sud du Zambèze et de la limite entre les possessions portugaises et allemandes du sud-ouest de l'Afrique.
- fh.* Madagascar et groupe des Comores.
- fi.* La Mer Rouge et ses îles.

g. AMÉRIQUE DU NORD.

- ga.* Alaska.
- gb.* Le Canada dans son entier.
- gc.* Puissance du Canada de l'ouest (Yukon, Colombie Britannique, Mackenzie, Athabasca, Alberta, Saskatchewan, Assiniboia).
- gd.* Puissance du Canada de l'est ; Terre neuve.
- ge.* Région des grands lacs laurentiens.
- gf.* États-Unis.
- gg.* États-Unis du Nord-Est, à l'est du Mississipi (Maine, Vermont, New Hampshire, New York, Massachusetts, Connecticut, Rhode Island, Pennsylvanie, New Jersey, Ohio, Michigan, Wisconsin, Illinois, Indiana).
- gh.* États-Unis du sud-est, à l'est du Mississipi.
- gi.* États-Unis de l'ouest, à l'ouest du Mississipi.

h. AMÉRIQUE CENTRALE ET MÉRIDIONALE ; INDES OCCIDENTALES.

- ha.* Mexique.
- hb.* Amérique centrale : Guatemala ; Honduras ; Honduras britannique ; Salvador ; Nicaragua ; Costa Rica.
- hc.* Antilles ; Mer Caraïbe ; Golfe du Mexique.
- hd.* Guyanes britannique, hollandaise, et française ; Vénézuéla ; île de Trinité.
- he.* Colombie. Ecuador.
- hf.* Pérou.
- hg.* Bolivie.
- hh.* Brésil.
- hi.* République Argentine ; Uruguay et Paraguay.
- hk.* Chili.
- hl.* Terre de feu et îles voisines ; les Falkland (Malouines).
- hm.* Les Andes.

i. AUSTRALIE.

- ia.* Nouvelle Guinée avec les îles de la ligne séparative de Wallace, en y comprenant Gilolo, Amboine, Ceram.
- ib.* Archipel de Bismarck (Nouvelle Bretagne avec les îles Salomon).
- ic.* L'Australie en son entier.
- id.* Queensland.
- ie.* Nouvelle Galles du sud.
- if.* Victoria.
- ig.* Australie du sud.

- ih. Australie occidentale.
- ii. Tasmanie.
- ik. Nouvelle Zélande.
- il. Nouvelle Calédonie, Nouvelles Hébrides et les îles Loyauté.

k. RÉGIONS ARCTIQUES.

- ka. Océan arctique.
- kb. Groenland.
- kc. Archipel nord de l'Amérique du Nord.
- kd. Îles au nord d'Europe et d'Asie (Spitzberg, etc.).

l. ATLANTIQUE.

- la. Océan Atlantique septentrional, et les îles qui n'ont pas encore été spécifiées.
- lb. Açores; Canaries; Madère; Cap Vert.
- lc. Atlantique méridional et ses îles.

m. OCÉAN INDIEN.

- ma. Océan et les îles au nord de l'Equateur.
- mb. Océan et les îles au sud de l'Equateur, avec les Mascareignes et les îles Amsterdam et St. Paul.

n. PACIFIQUE.

- na. Pacifique septentrional (au nord de l'Equateur).
- nb. Pacifique méridional (au sud de l'Equateur).
- nc. Mer de Behring et ses îles (Aléoutiennes . . . etc.).
- nd. Îles Sandwich, avec les groupes situés au nord de l'Equateur et à l'est du 180°.
- ne. Mariannes, Pelew, archipel des Carolines et de Marshall, avec les autres îles situées au nord de l'Equateur et à l'ouest du 180°.
- nf. Îles Fidji, îles des Amis (Tonga, Samoa, Ellice, Phénix et autres) situées à l'ouest du méridien 160° O. (Greenwich).
- ng. Îles Galapagos.
- nh. Îles de la Société, Pomoutou, Marquises et autres îles du Pacifique méridional à l'est du méridien 160° O. (Greenwich).

o. RÉGIONS ANTARCTIQUES.

- oa. Continent antarctique dans son entier.
- ob. Géorgie du Sud, groupe des Sandwichs et autres îles au S. de l'Atlantique méridional.
- oc. Îles du Prince Edouard, Crozet, Kerguelen et autres îles au S. de l'Océan Indien.
- od. Îles au sud et au sud-est de la Nouvelle Zélande et régions méridionales du Pacifique.

Catalago Internazionale della Letteratura Scientifica.

I.—CLASSIFICAZIONE TOPOGRAFICA.

[Da usarsi in rapporto con la Geografia, Geologia, Botanica, Zoologia, ecc.]

1. —DIVISIONI PRINCIPALI.

- a. La Terra nel suo complesso.
- b. Le terre emerse.
- c. L' oceano nel suo complesso.
- d. Europa e Isole del Mediterraneo.
- e. Asia e Arcipelago Malese, comprese Celebes e Timor.
- f. Africa e Madagascar.
- g. America settentrionale fino al limite tra gli Stati Uniti e il Messico.
- h. Messico, America Centrale e Meridionale, e Indie Occidentali.
- i. Australia. Tasmania e Nuova Zelanda colla Nuova Guinea, Gilolo e Molucche verso Ponente, le Salomone, le Nuove Ebridi e la Nuova Caledonia verso Levante.
- k. Regione Artica: Groenlandia e l' area a Nord del Circolo Polare, ovvero a Nord delle coste dell' America continentale, dell' Asia e dell' Europa.
- l. L' Atlantico e le sue Isole dal Circolo Polare Artico alla Lat. di 45° S., limitato nella sua parte meridionale oltre la costa Africana dal 20° E. da Greenwich, ad Est; e dalla costa dell' America meridionale ad Ovest.
- m. L' Oceano Indiano e le sue Isole, limitato a sud dal 45° di Lat. S., a Ponente del meridiano 20° E. di Greenwich; a Levante dalla costa dell' Australia e dal 147° E. da Greenwich.
- n. Il Pacifico e le sue Isole dal Circolo Polare Artico alla Lat. di 45° S., e tra il 147° meridiano E. da Greenwich e le coste dell' America meridionale.
- o. Regione Antartica: cioè l'area meridionale limitata dal 45° S., eccetto le Isole Falkland e le parti meridionali dell' America del Sud e della Nuova Zelanda; comprendendovi però le isole di Nuova Amsterdam e S. Paolo.

N.B.—Come regola generale, le isole lontane più di 100 miglia inglesi (160 chilometri) dal continente devono essere classificate come oceaniche, salvo speciali eccezioni.

2.—SUDDIVISIONI.

d. EUROPA E ISOLE DEL MEDITERRANEO.

- da. Scandinavia: Svezia, Norvegia, Danimarca, Islanda, Far Òer.
- db. Russia Europea.
- dc. Impero Germanica.
- dd. Olanda; Belgio; Lussemburgo.
- de. Isole Britanniche.
- df. Francia e Corsica.
- dg. Spagna e Portogallo.
- dh. Italia: Sicilia e Sardegna.
- di. Svizzera.
- dk. Austria-Ungheria (comprese Bosnia ed Erzegovina).
- dl. Penisola, Balcanica (Turchia Europea, Rumania, Bulgaria, Serbia, Montenegro e Grecia).
- dm. Mediterraneo e Isole (salvo la Sicilia, la Sardegna e la Corsica).
- dn. Mar Nero.
- do. Il Baltico e le sue Isole.

e. ASIA E ARCIPELAGO MALESE.

- ea. Russia Asiatica.
- eb. Cina e dipendenze: Tibet; Corea.
- ec. Isole del Giappone; Formosa.
- ed. Coccincina: Tonchino, Annam.
- ee. Siam.
- ef. India Britannica: Himalaya; Birmania; Ceylon.
- eg. Penisola Malese dall' Istmo di Kra e Arcipelago Malese fino alla linea, di Wallace, comprendendovi Celebes e Timor colle Filippine e il Mar della Cina.
- eh. Persia; Afghanistan; Belucistan.
- ei. Turchia Asiatica; Arabia.
- ek. Il Caspio.
- el. Golfo Persica.

f. AFRICA E MADAGASCAR.

- fa. Stati Mediterranei—Marocco, Algeri, Tunisi, Tripoli.
- fb. Africa del N.E.; Egitto e Vallata del Nilo fino al 10° di Lat. N.; Abissinia; Coste dell' Africa sul Mar Rosso.
- fc. Sahara e Sudan Francese; Darfur, ecc.
- fd. Africa occidentale dal Marocco al Congo.
- fe. Stato del Congo e Angola.
- ff. Africa orientale dal limite indicato in fb al Zambesi; Socotra.
- fg. Africa australe dal Zambesi e dal confine tra l' Africa Portoghese e l' Africa Germanica del S.W.
- fh. Madagascar e Gruppo delle Comoro.
- fi. Il Mar Rosso e le sue Isole.

g. AMERICA SETTENTRIONALE.

- ga. Alaska.
- gb. Il Canada in generale.
- gc. Dominio del Canada occidentale (Yukon, Columbia Britannica, Mackenzie, Athabasca, Alberta, Saskatchewan, Assiniboia).
- gd. Dominio del Canada orientale; Terranova.
- ge. I Laghi Laurenziana.
- gf. Gli Stati Uniti in generale.
- gg. Stati Uniti del Nord-Est, ad E. del Mississippi (Maine, Vermont, New Hampshire, New York, Massachusetts, Connecticut, Rhode Island, Pennsylvania, New Jersey, Ohio, Michigan, Wisconsin, Illinois, Indiana).
- gh. Stati Uniti del Sud-Est, ad E. del Mississippi.
- gi. Stati Uniti occidentali, ad W. del Mississippi.

h. AMERICA CENTRALE E MERIDIONALE E INDIE OCCIDENTALI

- ha. Messico.
- hb. America Centrale; Guatemala; Honduras; Honduras Britannico; Salvador; Nicaragua; Costa Rica.
- hc. Indie occidentali; Mar dei Caribi; Golfo del Messico.
- hd. Guaiana—Britannica, Olandese e Francese; Venezuela; Trinidad.
- he. Columbia; Ecuador.
- hf. Perù.
- hg. Bolivia.
- hh. Brasile.
- hi. Argentina; Uruguay e Paraguay.
- hk. Cile.
- hl. Terra del Fuoco e Isole vicine; Isole Falkland.
- hm. Le Ande.

i. AUSTRALIA E OCEANIA.

- ia. Nuova Guinea colle Isole dalla linea di Wallace, comprendendovi Gilolo (Halmahera) Amboina, Seram.
- ib. Arcipelago di Bismarck (Nuova Britannia. ecc., fino alle Solomone inclusivamente).
- ic. Australia in generale.
- id. Queensland.
- ie. Nuova Galles del Sud.
- if. Victoria.
- ig. Australia meridionale.
- ih. Australia occidentale.
- ii. Tasmania.
- ik. Nuova Zelanda.
- il. Nuova Caledonia, Nuove Ebridi, e Isole Loyalty.

k. REGIONE ARTICA.

- ka. Oceano Artico.
- kb. Groenlandia.
- kc. Arcipelago Nord Americano.
- kd. Isole a N. dell' Europa e dell' Asia.

l. OCEANO ATLANTICO.

- la. Oceano Atlantico settentrionale e sue Isole, non indicate altrove.
- lb. Azorre; Canarie; Madera; Isole del Capo Verde.
- lc. Atlantico meridionale e sue Isole.

m. OCEANO INDIANO.

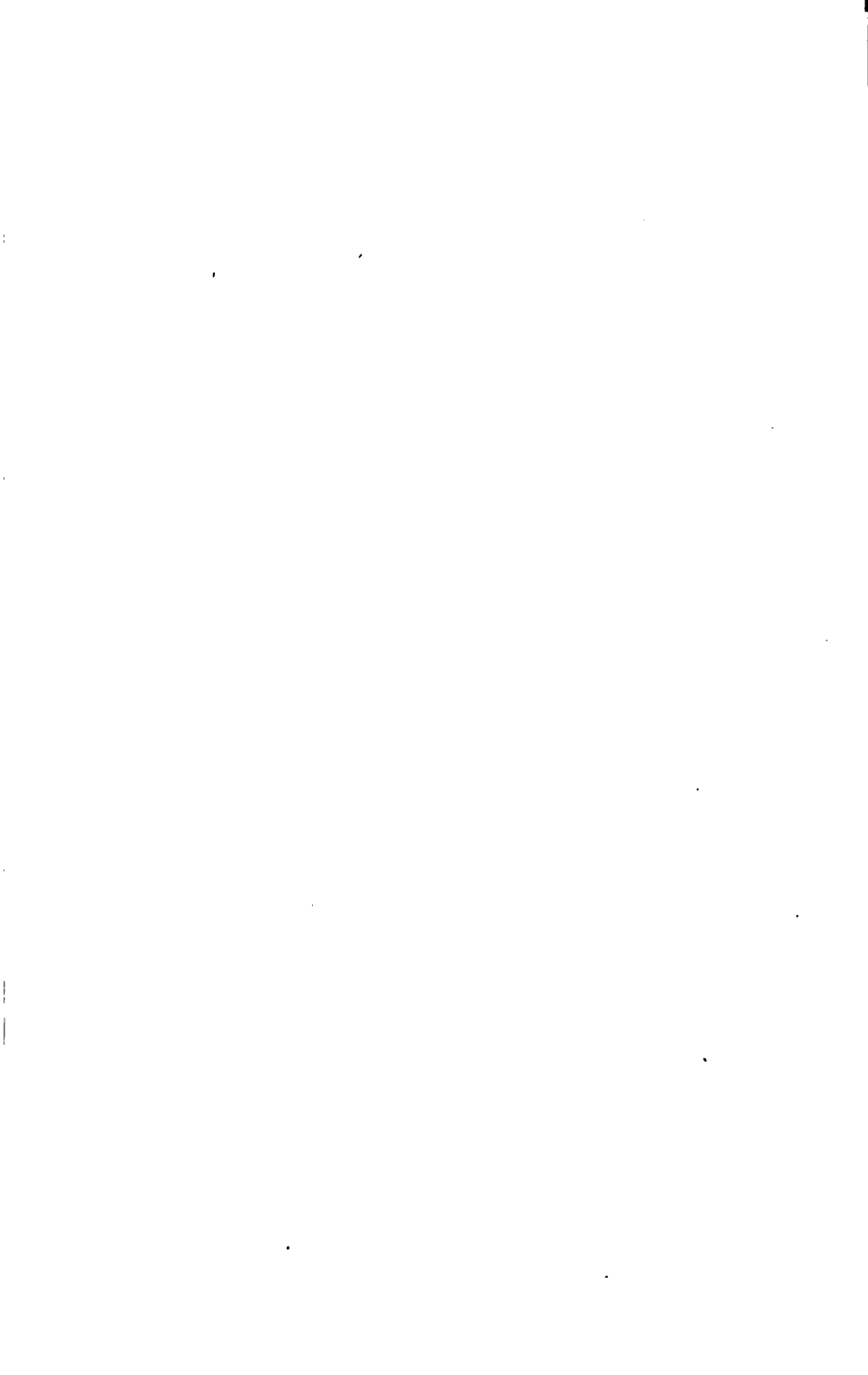
- ma. Oceano e Isole a Nord dell' Equatore.
- mb. Oceano e Isole a Sud dell' Equatore, comprendendovi le Mascarene, Amsterdam e S. Paolo.

n. OCEANO PACIFICO.

- na. Pacifico del Nord (a N. dell' Equatore).
- nb. Pacifico del Sud (a S. dell' Equatore).
- nc. Mar di Behring e sue Isole (Aleutine, ecc.).
- nd. Isole Sandwich e Gruppi sparsi a N. dell' Equatore e ad E. del 180°.
- ne. Isole dei Ladroni, Pelew, Caroline e Marshall, con altre Isole a N. dell' Equatore e ad ovest del 180°.
- nf. Isole Figi, degli Amici, Samoa, Ellice, Fenice, ecc., ad ovest del 160° W. di Greenwich.
- ng. Isole Galapagos.
- nh. Isole della Società. Arcipelago di Low, Marchesi e altre Isole del Pacifico meridionale, ad Est del meridiano 160° W. da Greenwich.

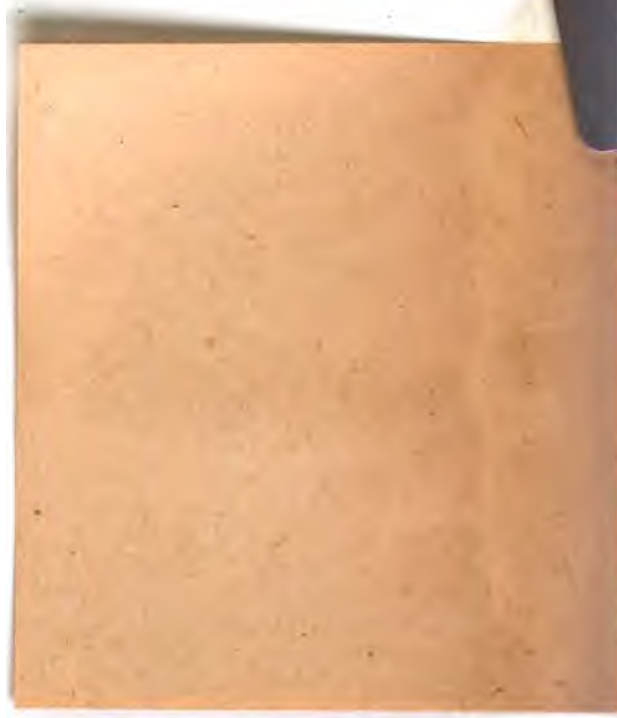
o. REGIONE ANTARTICA.

- oa. Regione antartica in generale.
- ob. Georgia australe, Gruppo delle Sandwich e altre Isole a Sud dell' Atlantico meridionale.
- oc. Isole del Principe Edoardo, Crozets, Kerguelen e altre Isole a Sud dell' Oceano Indiano.
- od. Isole a Sud e a Sud-Est della Nuova Zelanda e Regione a Sud del Pacifico.











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